October 15, 1965

TECHNICAL TRANSLATIONS

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TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

HOW TO ORDER

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TECHNICAL TRANSLATIONS

01 AERONAUTICS

A. Aerodynamics

TT-65-12639 Field 1A

Kirpichnikov, S. N.
OPTIMUM COPLANAR FLIGHT BETWEEN ORBITS. 14p, 2refs.
Order from SLA: $1.60 as TT-65-12639

Trans. of Leningrad Univ. Vestnik (USSR) v19 n1 Seriya Matematiki, Mekhaniki i Astronomii, n1 p130-41 1964.
Another trans. is available from CFSTI HC $0.75, MF $0.50 as TT-64-71596, N64-30076. NASA-TT-F-221, 30p.

TT-65-12645 Field 1A

Galanova, Z. S.
LAMINAR BOUNDARY LAYER TAKING ACCOUNT OF RADIATION WITH A ZERO PRESSURE GRADIENT. 11p, 14refs.
Order from SLA: $1.60 as TT-65-12645

Trans. of Leningrad Univ. Vestnik (USSR) v19 n19 Seriya Matematiki, Mekhaniki i Astronomii, n4 p86-97 1964.

TT-65-12649 Field 1A

Lunkin, Yu. P.; Popov, F. D.
INFLUENCE OF NONEQUILIBRIUM DISSOCIATION ON SUPERSONIC FLOW AROUND BLUNT BODIES. 11p, 5refs.
Order from SLA: $1.60 as TT-65-12649

Trans. of Zhurnal Vychislitel'noi Matematiki i Matematicheskoi Fiziki (USSR) v4 n5 p896-904 1964.

TT-65-12672 Field 1A, 14B

Nickel, K.
MOMENT MEASUREMENT ON FREE-FLYING AIRPLANE MODELS (Momentenmessungen an Freifliegenden Flugzeugmodellen). 16p, (4 figs omitted) 17refs.
Order from SLA: $1.60 as TT-65-12672

Trans. of Zeitschrift fuer Flugwissenschaften (West Germany) v5 n1 p22-6 1957.

TT-65-12729 Field 1A

Sachenkov, A. V.
INVESTIGATION OF THE STABILITY OF CYLINDRICAL-CLASS SHELLS ON THE BASIS OF COMPLEX EQUATIONS. 12p, 6refs.
Order from SLA: $1.60 as TT-65-12729

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionaya Tekhnika (USSR) v7 n3 p29-37 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-12730 Field 1A

Biberman, L. M.; Vorobev, V. S.; Norman, G. E.; Yakubov, I. T.
RADIATION HEATING IN HYPERSONIC FLOW. 18p, 48refs.
Order from SLA: $1.60 as TT-65-12730

Trans. of Kosmichskie Issledovaniya (USSR) v2 n3 p441-54 1964.

TT-65-12731 Field 1A

Samoilov, E. A.; Pavlov, B. S.
VIBRATIONS OF A HEMISPHERICAL SHELL FILLED WITH FLUID. 9p, 5refs.
Order from SLA: $1.10 as TT-65-12731

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionaya Tekhnika (USSR) v7 n3 p79-86 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-12732 Field 1A

Natushkin, V. F.; Rakhimov, I. S.
VIBRATIONS OF A CYLINDRICAL SHELL PARTIALLY FILLED WITH FLUID. 5p, 3refs.
Order from SLA: $1.10 as TT-65-12732

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Aviatsionaya Tekhnika (USSR) v7 n3 p75-8 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-62667 Field 1A, 20M, 21E

Faddeev, I. P.
DETERMINING THE VELOCITY OF AN AVERAGE-SIZE CONDENSATE DROP IN A FLOW OF SATURATED VAPOR (K Opredeleniyu Skorosti Srednerazmernoi Kapli Kondensata v Potoke Nasyshchennogo Para). Jun 65, 6p, 7refs. NASA-TT-F-364; N65-26641.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-26641

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v4 n9 p56-60 1961.

C. Aircraft

NCH-200 878 Field 1 C

Rinkefeil, R.
DETERMINATION OF THE COLD-CHECK RESISTANCE OF LACQUER FILMS. 1965. TTIS-NS-354.
Order from TTIS: $24.00 as TTIS-NS-354

Trans. of Holztechnik (West Germany) v5 n2 p131-4 1964.

02 AGRICULTURE

A. Agricultural chemistry

NCH-201 717 Field 2A, 2D

Mamedov, R. S.
THE EFFECT OF PETROLEUM-BASE GROWTH STIMULANT ON THE PRODUCTIVITY OF RICE. 1965, 6p. ATS-42S84AZ.
Order from ATS: $9.85 as ATS-42S84AZ

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Doklady, v19 n11 p59-63 1963.
Another trans. is available from ATS $2.00 as ATS-73R76R, 2p.

TT-65-27658 Field 2A, 2D

Mamedov, R. S.
INFLUENCE DE L'ASPERSION PAR UNE SOLUTION D'AUXINE PETROLIERE SUR LA PRODUCTION AGRICOLE. 5p. CNRS-II 219.
Order from ETC: $1.10 as TT-65-27658

Trans. in French of mono. Neftyanye Udobreniya i Stimulyatory p211-4 1963.
Also available from CNRS.

TT-65-27694 Field 2A, 2D

Guseinov, B. Z.; Dzhafarova, F. S.
FONDEMENT PHYSIOLOGIQUE DE L'EMPLOI DES ENGRAIS ORGANIQUES D'ORIGINE PETROLIERE EN CULTURE. 20p, 18refs. CNRS-II 220.
Order from ETC: $1.60 as TT-65-27694

Trans. in French of mono. Neftyanye Udobreniya i Stimulyatory, p40-51 1963.
Also available from CNRS.

TT-65-27695 Field 2A, 2D

Asadov, Sh. D.
ROLE DES SUBSTANCES ORGANIQUES D'ORIGINE PETROLIERE DANS L'AMELIORATION DE LA PRODUCTIVITE DU BLE D'AUTOMNE ET DU CHOU. 10p. CNRS-II 218.
Order from ETC: $1.10 as TT-65-27695

Trans. in French of mono. Neftyanye Udobreniya i Stimulyatory, p132-8 1963.
Also available from CNRS.

B. Agricultural economics

TT-64-51648 Field 2B, 2D, 2E

Tikhomirov, M.; Maryakhin, G. Ya.; Semenov, V. N.; Lugauskas, A.
SOVIET AGRICULTURE TRANSLATIONS NO. 47. 17 Nov 64, 43p. JPRS-27392.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51648

Trans. of 4 articles from selected Russian periodicals.

TT-64-51675 Field 2B, 21D

SOVIET AGRICULTURE TRANSLATIONS NO. 50. 18 Nov 64, 57p, 14refs. JPRS-27426.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-64-51675

Trans. of 5 articles from selected Russian periodicals and newspapers.

TT-65-12526 Field 2B

Rheinwald, H.
THE MODEL FARM IN THE ADVISORY SERVICE (Der Beispielsbetrieb in der Beratung). 13p.
Order from SLA: $1.60 as TT-65-12526

Trans. of Agrarwirtschaft (West Germany) v4 p65-8 1955.

TT-65-12535 Field 2B

Keilling, J.
THE PROBLEM OF SURPLUS MILK PRODUCTS (Le Probleme des Excedents Laitiers). 12p.
Order from SLA: $1.60 as TT-65-12535

Trans. of Economie Rurale (France) n16 p29-33 1953.

TT-65-12537 Field 2B, 2E

Plate, R.
HOG MARKET OUTLOOK (Vorausschau auf den Schweinemarkt). 19p.
Order from SLA: $1.60 as TT-65-12537

Trans. of Agrarwirtschaft (West Germany) v2 n8 p237-56 1953.

TT-65-12588 Field 2B, 2E

Festy, O.
THE CONSUMPTION OF MEAT AND THE PRODUCTION OF CATTLE IN FRANCE AT THE BEGINNING OF THE NINETEENTH CENTURY (La Consommation de la Viando et la Production du Betail en France au Debut du XIX Siecle). 12p.
Order from SLA: $1.60 as TT-65-12588

Trans. of Academie d'Agriculture de France. Comptes Rendus des Seances, v41 p515-20 1955.

TT-65-12597 Field 2B

Moreau, R.; Vinchon, E.
THE ACCOUNTING DATE (La Date de la Campagne). 21p.
Order from SLA: $2.60 as TT-65-12597

Trans. of Economie Rurale (France) n22 p7-12 1954.

TT-65-12657 Field 2B

Eck, A.
OPTIMUM SIZE OF DAIRY ENTERPRISES (Dimensions Optimum des Enterprises Laitieres). 14p.
Order from SLA: $1.60 as TT-65-12657

Trans. of Economie Rurale (France) n27 p95-9 1956.

TT-65-12665 Field 2B

Larionov, K.
THE DETERMINATION AND ESTIMATION OF THE PRIME COSTS OF PRODUCTION OF COLLECTIVE FARMS (Opredelenie i Uchet Sebestoimosti Produktsii Kolkhozov). 24p.
Order from SLA: $2.60 as TT-65-12665

Trans. of Sotsialisticheskoe Sel'skoe Khoziaistvo, Moscow (USSR) v27 n6 p51-60 1956.

TT-65-12683 Field 2B

Clerc, F.
THE COMMERCIALIZATION OF MILK COLLECTED IN THE TOULOUSAIN REGION (La Commercialisation des Laits

Collectes dans la Region Toulousaine). 23p.
Order from SLA: $2.60 as TT-65-12683

Trans. of Economie Rurale (France) n20 p17-23 1954.

TT-65-31574 Field 2B

Matskevich, V. V.; Boldyrev, N.
SOVIET AGRICULTURE: TRANSLATIONS NO. 84. 13 Jul 65, 16p. JPRS-31076.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31574

Trans. of selected articles and news briefs from 1965 issues of Russian periodicals and newspapers.

TT-65-31639 Field 2B, 2E

COMMUNIST CHINA'S FOOD AND AGRICULTURE: TRANSLATIONS NO. 65. 19 Jul 65, 18p. JPRS-31141.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31639

Trans. of 3 selected articles from 1965 issues of Communist Chinese newspapers.

C. Agricultural engineering

TT-64-51010 Field 2C

Kharlyuk, I.; Semenov, V.; Seryakov, I.; Shikhov, I.; Kotlyar, E.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 142. 7 Oct 64, 53p. JPRS-26753.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-64-51010

Trans. of 5 selected articles from 1964 issues of Russian periodicals and newspapers.

TT-64-51670 Field 2C, 2D

SOVIET AGRICULTURE: TRANSLATIONS NO. 49. 17 Nov 64, 33p. JPRS-27420.
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Trans. of 6 selected articles from Aug/Sep 64 issues of various Russian newspapers and periodicals.

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USSR INDUSTRIAL DEVELOPMENT; SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 165. 27 Jan 65, 45p. JPRS-28500.
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Maslov, N.; Zed, K.; Zolotukhin, V. I.; Strel'bitskii, V. F.; Khorunzhenko, V. E.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 166. 3 Feb 65, 26p. JPRS-28610.
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Trans. of selected articles from 1964-65 issues of Russian periodicals and newspapers.
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Trans. of 4 articles from selected Russian newspapers.

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Mukimov, Yu.; Goldyrev, A.; Konyushii, I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 169. 2 Mar 65, 13p. JPRS-28942.
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Smorodinov, M. A.; Shtefko, I. V.; Rakovskii, L. A.; Banashevskii, A.; Efremeov, P.
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Trans. of 10 selected articles from Nov 64 and Jan 65 issues of various Russian newspapers and periodicals.

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Semernin, F.; Sivak, B.; Seryakov, I.; Uryupinskii, P.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 177. 18 Mar 65, 21p. JPRS-29173.
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Trans. of 5 selected articles from 1964-65 issues of Russian periodicals and newspapers.

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Bakov, I.; Kovalenko, N.; Masaulov, I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 178. 19 Mar 65, 22p. JPRS-29194.
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Chirskov, N.; Vetrov, F.; Kuznetsov, M.; Chertkov, B.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 184. Apr 65, 13p. JPRS-29493.
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Trans. of 4 selected articles from 1965 issues of Russian newspapers.

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Stolbushkin, N.; Mokeiev, P.; Krutovskaia, L.; Rutkevich, K.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 188. 15 Apr 65, 20p. JPRS-29613.
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Trans. of 6 selected articles from 1965 issues of Russian newspapers.

TT-65-30923 Field 2C

Gnedenko, B.; Bashkirtsev, A.; Popov, V.; Koval, I.; Ibragimov, M.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 196. 5 May 65, 15p. JPRS-29943.
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TT-65-31040 Field 2C

Kiselev, V.; Morozov, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 198. 20 May 65, 17p. JPRS-30176.
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Trans. of 4 selected articles from 1965 issues of Russian newspapers.

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Trans. of 12 selected articles from 1965 issues of Russian newspapers.

TT-65-31068 Field 2C

Sofonov, G.; Pilipenko, G.; Grigorev, V.; Bulanov, V.; Buzylev, I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 200. 24 May 65, 22p. JPRS-30226.
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Trans. of 4 selected articles from 1965 issues of Russian newspapers.

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Trans. of 7 selected articles from 1965 issues of Russian periodicals and newspapers.

TT-65-31305 Field 2C

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Trans. of 9 selected articles from 1965 issues of Russian periodicals and newspapers.
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D. Agronomy and horticulture

TT-65-12533 Field 2D

Grillot, G.
MAIZE HYBRIDS (Les Mais Hybrides). 24p.
Order from SLA: $2.60 as TT-65-12533

Trans. from Societe des Agriculteurs du Maroc. Bulletin, n33 1951.

TT-65-12606 Field 2D

Doering, H.
INVESTIGATIONS ON THE AVAILABILITY OF COLLOIDALLY ADSORBED PHOSPHORIC ACID TO PLANTS (Untersuchungen ueber die Ausnutzbarkeit der an Kolloiden Sorbierten Phosphorsaeure durch die Pianzen). 18p, 7refs.
Order from SLA: $1.60 as TT-65-12606

Trans. of Zeitschrift fuer Pflanzenernaehrung Duengung Bodenkunde (West Germany) v73(118) n3 p235-45 1956.

TT-65-12622 Field 2D

Chaminade, R.
REACTION OF ASPERGILLUS NIGER TO THE GROWTH SUBSTANCES OF HUMUS (Reaction de l'Aspergillus Niger aux Substances de Croissance de l'Humus). 16p, 9refs.
Order from SLA: $1.60 as TT-65-12622

Trans. of Annales Agronomiques (France) v6(sA) n3 p363-71 1955.

TT-65-12674 Field 2D

Riedel, C.
CLASSIFICATION OF THE SOILS AND LAND FERTILITY (Classification des Sols et Fertilite des Terres). 17p.
Order from SLA: $1.60 as TT-65-12674

Trans. of Economie Rurale (France) 1955.

TT-65-30500 Field 2D, 6C, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 158. 12 Mar 65, 38p. JPRS-29094.
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Trans. of 8 articles from selected Chinese periodicals.

TT-65-31819 Field 2D, 2E, 2A

Krumbiegel, D.; Mieth, K.; Kronmarck, M.; Davidescu, D.
EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 378. 30 Jul 65, 16p. JPRS-31322.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31819

Trans. of 3 selected articles from 1965 issues of German and Rumanian periodicals and newspapers.

E. Animal husbandry

TT-65-12527 Field 2E

Zorn, W.
ANTIBIOTICS AND BREEDING SELECTION (Antibiotica und Zuechterische Selektion). 17p.
Order from SLA: $1.60 as TT-65-12527

Trans. of Zuechtungskunde (West Germany) v26 p257-64 1955.

TT-65-12536 Field 2E

Bocarme, V. de
THE ECONOMY OF AVICULTURE (L'Economie de l'Aviculture). 27p, 7refs.
Order from SLA: $2.60 as TT-65-12536

Trans. of Academie d'Agriculture de France. Comptes Rendus des Seances, v40 n5 p181-94 1954.

TT-65-12577 Field 2E

Loertscher, H.
ON THE FACTORS WHICH DETERMINE THE SUCCESS OF SELECTION (Ueber Erfolgsmomente der Zuchtwahl). 21p, 12refs.
Order from SLA: $2.60 as TT-65-12577

Trans. of Schweizerische Landwirtschaftliche Monatshefte, v32 n6 p225-38 1954.

TT-65-12618 Field 2E

Engelmann, C.
OF THE SENSE OF TASTE OF THE CHICKEN (Vom Geschmackssinn des Huhns). 6p, 2refs.
Order from SLA: $1.10 as TT-65-12618

Trans. of Forschungen und Fortschritte (Germany) v13 n35/36 p425-6 1937.

TT-65-12661 Field 2E, 6C

Verge, J.; Goret, P.; Paraf, A.; Le Treut, P.; Drieux, H.
DISEASES OF THE YOUNG PIG AT WEANING AGE. REILLY-SELYE PHENOMENONS (Les Maladies du Porcelet au Sevrage. Phenomenes de Reilly-Selye). 26p.
Order from SLA: $2.60 as TT-65-12661

Trans. of Recueil de Medicine Veterinaire (France) v132 n9 p657-73 1956.

TT-65-30383 Field 2E, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 151, 25 Feb 65, 29p. JPRS-28884.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30383

Trans. of 10 selected articles from 1964-65 issues of Communist Chinese periodicals and newspapers.

TT-65-62945 Field 2E, 6M

Ponomarenko, F. M.; Yatsyshin, A. I.; Skirta, O. M.
PATHOMORPHOLOGICAL AND PATHOGENIC CHARACTERISTICS OF VIRAL GASTROENTERITIS OF SWINE.
Tr. by Charles T. Ostertag, Jr. Jun 65, 5p.
ABL-Trans-1400; AD-619 339.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 339

Trans. of Veterinariya (USSR) v38 n8 p39-40 1961.

TT-65-62946 Field 2E, 6M

Nikolskii, V. V.
CONCERNING INFECTIOUS GASTROENTERITIS OF PIGS. Tr. by Charles T. Ostertag, Jr. Jun 65, 7p. ABL-Trans-1401; AD-619 340.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 340

Trans. of Veterinariya (USSR) v38 n9 p30-3 1961.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-65-62029 Field 3A

Shklovskii, I. S.
THE SUPERNOVA OF 1054, A DOUBLE STAR (Sverkhnovaya 1054 g. Dvoinaya Zvezda). Tr. by James S. Wood. Apr 64p, 11refs. NASA-TT-F-340; N65-21232.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N65-21232

Trans. of Akademiya Nauk SSSR. Doklady, v160 n1 p54-6 1965.

TT-65-62847 Field 3A

Severny, A. B.; Khokhlova, V. L.
THE SPECTROPHOTOMETRY OF LINES IN GRAINS OF CONTINUOUS EMISSION. Tr. by Alice B. Dunn. 1963, 11p, 5refs (figs omitted). SRN-T-11; AD-619 159.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 159

Trans. of Akademiya Nauk SSSR. Krymskaya Astrofizicheskaya Observatoriya. Izvestiya, v21 p190-7 1959.

TT-65-62934 Field 3A

Vitkevich, V. V.
NEW SYSTEM OF MODULATED RADIO RECEPTION OF WEAK SIGNALS AND ITS APPLICATION FOR THE CREATION OF A RADIO TELESCOPE OF ULTRAHIGH RESOLVING POWER. 4 Aug 65, 8p, 6refs. FTD-TT-65-570; AD-619 328.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 328

Unedited rough draft trans. of Akademiya Nauk SSSR. Doklady, v102 n3 p469-72 1955.

B. Astrophysics

TT-65-62900 Field 3B

Molchanov, A. P.; Peterova, N. G.
RESULTS FROM THE OBSERVATION OF THE ECLIPSE OF THE SUN ON 15 FEBRUARY 1961 ON THE 4.5 cm WAVELENGTH. Tr. by Dan Drachman. Apr 65, 6p, 3refs. AFCRL-G-T-R-65-1; AD-619 263.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 263

Trans. of Solnechnye Dannye (USSR) n12 p55-7 1961. Translated under Contract AF19 628 5034.

TT-65-62901 Field 3B

Molchanov, A. P.
SPECTRA AND MAGNETIC FIELDS FROM LOCAL SOURCES, HAVING OBSERVED THE SUN DURING THE ECLIPSE OF 15 FEBRUARY 1961. Tr. by Dan Drachman. Apr 65, 11p, 11refs. AFCRL-G-T-R-65-2; AD-619 264.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 264

Trans. of Solnechnye Dannye (USSR) n2 p53-8 1962. Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as TT-64-19835, CSIRO-Trans-6868. Translated under Contract AF 19 628 5034.

04 ATMOSPHERIC SCIENCES

B. Meteorology

TT-65-29186 Field 4B

Shcheglov, P. V.
FLACHE WASSERSTOFFWOLKE UM DIE ERDE. 9p.
Order from ETC or TIB: $1.10 as TT-65-29186

Trans. in German of Priroda (USSR) v52 n8 p85-8 1963. Another trans. is available in English from CFSTI or ETC $1.10 in TT-63-41120, JPRS-21323, 12 Nov 63, 8p.

TT-65-62894 Field 4B

ACTA METEOROLOGICA SINICA, VOL. 29, NOS. 3-4, 1958: TABLE OF CONTENTS AND ABSTRACTS. Tr. by N. H. Ng. Apr 65, 15p. E-TC-Ch-65-29; AD-619 255.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 255

Abstract trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v29 n3/4 p143-295 1958.

TT-65-62899 Field 4B

ACTA METEOROLOGICA SINICA, VOL. 29, NO. 1, 1958: TABLE OF CONTENTS AND ABSTRACTS. Tr. by N. H. Ng. Apr 65, 8p. E-TC-Ch-65-28; AD-619 262.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 262

Abstract trans. of Ch'i Hsiang Hsueh Pao (Chinese People's Republic) v29 n1 p1-62 1958. Translated under contract AF19 628 5073.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-65-30217 Field 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 141. 28 Jan 65, 12p. JPRS-28510.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30217

Trans. of 5 articles from selected Chinese newspapers.

TT-65-31048 Field 5A

Shcherban, A.; Sanko, L. Ya.; Tishchenko, A. A.; Yatsenko, A. A.
THE WORK AND TASKS OF SEVERAL SOVIET SCIENTIFIC ORGANIZATIONS. 21 May 65, 25p. JPRS-30193.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31048

Trans. of 5 selected articles from 1964-65 issues of Russian periodicals and newspapers.

TT-65-31051 Field 5A

Borodin, P.; Zavarukhin, Yu.; Elyutin, V.
NEWS OF LENIN PRIZE NOMINEES AND WINNERS: USSR. 24 May 65, 16p. JPRS-30199.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31051

Trans. of 4 selected articles from 1965 issues of Russian newspapers.

TT-65-31103 Field 5A

NEW DEVELOPMENTS IN THE PRESIDIUM OF THE ACADEMY OF SCIENCES USSR. 27 May 65, 15p. JPRS-30293.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31103

Trans. of Akademiya Nauk SSSR. Vestnik, v35 n4 p3-4, 121-7 1965.

TT-65-31261 Field 5A

Hsia Chen-teh.; Li Chung-ming.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 186. 14 Jun 65, 17p. JPRS-30602.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31261

Trans. of 5 selected articles from 1964-65 issues of Communist Chinese periodicals and newspapers.

TT-65-31558 Field 5A

SUMMARY OF THE BULGARIAN PROVINCIAL PRESS NO. 235. 13 Jul 65, 14p. JPRS-31060.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31558

Consists of full, partial, or condensed translations based on all available Bulgarian newspapers published 16-23 May 65 on political, sociological and economic subjects.

TT-65-31593 Field 5A

THE FUTURE OF THE ARMENIAN ACADEMY OF SCIENCES. 15 Jul 65, 7p. JPRS-31095.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31593

Trans. from Kommunist, Moscow (USSR) v42 p2 May 30 1965.

TT-65-31594 Field 5A, 6E

Babuk, V.; Mikhailovskii, M.; Petrov-Maslakov, M.; Zagrebin, D. A.
PLANNING AND COORDINATION OF SOVIET SCIENCES. 15 Jul 65, 14p. JPRS-31096.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31594

Trans. from Meditsinskaya Gazeta (USSR) v28 p3 Apr 6, p3 Jun 8 1965.

TT-65-31817 Field 5A

Spindler, H.; Pirvulescu, St.; Nedelcu, O.; Borza, N.; Hristoforov, A.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 388. 30 Jul 65, 36p. JPRS-31320.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31817

Trans. of 4 selected articles from 1964-65 issues of Bulgarian, German and Rumanian periodicals.

TT-65-62893 Field 5A, 3A, 20E, 20B, 7D, 8G

FOREIGN SCIENCE BULLETIN, VOL. 1, NO. 8, 1965. A monthly review of selected foreign scientific and technical literature sponsored by the Department of Defense. Aug 65, 74p, 70refs. AD-619 249.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-619 249

B. Documentation and information technology

TT-65-12048 Field 5B

Przybylo, Z.
COMPACT STORAGE OF COLLECTIONS IN LIBRARIES. 14p, 15refs.
Order from SLA: $1.60 as TT-65-12048

Trans. of Przeglad Bibljoteczny (Poland) v27 n1/2 p29-44 1959.

C. Economics

TT-65-12556 Field 5C

Sellier, F.
THE ADAPTATION OF THE SUPPLY OF LABOR TO THE DEMAND (L'Adaptation de l'Offre a la Demande de Travail). 22p, 18refs.
Order from SLA: $2.60 as TT-65-12556

Trans. of Economie Appliquee (France) v8 n1/2 p67-84 1955.

TT-65-12668 Field 5C, 5K

Palanchon, W.
NON-AGRICULTURAL ACTIVITIES IN THE EVALUATION OF INSUFFICIENTLY DEVELOPED REGIONS. AN EXAMPLE OF REGIONAL MANAGEMENT IN LE MORVAN (Les Activites non Agricoles dans la Mise en Valeur des Regions Insuffisamment Developpees. Un Exemple

d'Amenagement du Territoire dans le Morvan). 19p.
Order from SLA: $1.60 as TT-65-12668

Trans. of Economie Rurale (France) n29 p45-52 1956.

TT-65-12680 Field 5C

Platier, A.
THE TRADE OUTLOOK (La Conjoncture). 23p.
Order from SLA: $2.60 as TT-65-12680

Trans. of Centre Regional des Etudes Economiques. Bulletin Trimestriel, n2 p45-52 1953.

TT-65-30528 Field 5C

Eismont, A.
USSR INDUSTRIAL DEVELOPMENT: SOVIET REGIONAL ECONOMY NO. 145. 17 Mar 65, 38p. JPRS-29157.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30528

Trans. of 4 selected articles from 1964 issues of Russian periodicals and newspapers.

TT-65-30585 Field 5C

Kishkin, S. M.; Orlovskii, N.; Rodionov, N. N.
USSR INDUSTRIAL DEVELOPMENT: SOVIET REGIONAL ECONOMY NO. 148. 25 Mar 65, 28p. JPRS-29279.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30585

Trans. of 8 selected articles from 1964-65 issues of Russian newspapers.

TT-65-31409 Field 5C, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 488. 1 Jul 65, 112p. JPRS-30910.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-31409

Translations of 12 selected articles from 1965 issues of various Bulgarian, Czechoslovakian, East Germany, Poland, Rumanian and Yugoslavian newspapers and periodicals.

TT-65-31413 Field 5C

THE SOVIET ECONOMIC SYSTEM: STRUCTURE AND POLICY NO. 200. 1 July 65, 84p. JPRS-30914.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31413

Contains translations of 12 selected articles from 1964-65 issues of various Russian periodicals on economics. Available copy will not permit fully legible reproduction.

TT-65-31414 Field 5C

SOVIET ECONOMIC SYSTEM: CURRENT DEVELOPMENT NO. 91. 1 Jul 65, 13p. JPRS-30915.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31414

Contains excerpts and reviews of articles from current Russian periodicals.

TT-65-31436 Field 5C, 5K, 5D

SUMMARY OF THE HUNGARIAN PROVINCIAL PRESS NO. 360. 3 Jul 65, 29p. JPRS-30937.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31436

Consists of full, partial or condensed translations or summaries based on all available Hungarian newspapers published 12-23 May 65 on political, sociological and economic subjects.

TT-65-31479 Field 5C, 5A

COMMUNIST CHINA'S MANAGEMENT, TRADE AND FINANCE: TRANSLATIONS NO. 47. 8 Jul 65, 16p. JPRS-30981.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31479

Consists of translations or summaries of 5 selected articles in May/Jun 65 issues of the Russian newspapers Ta Kung Pao.

TT-65-31565 Field 5C

SUMMARY OF THE RUMANIAN PROVINCIAL PRESS NO. 314. 13 Jul 65, 16p. JPRS-31067.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31565

Consists of full, partial or condensed translations or summaries on all available Rumanian newspapers published 30 May - 6 Jun 65 on political and economic subjects.

TT-65-31636 Field 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 494. 19 Jul 65, 43p, 7refs. JPRS-31138.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31636

Trans. of 2 selected articles from Feb/Mar 65 issues of the Yugoslavian periodical Ekonomski pregled.

TT-65-31638 Field 5C

Yu Yen Hsi.; Chuan-chang.; Hou, Fu-ting.
COMMUNIST CHINA'S MANAGEMENT, TRADE AND FINANCE: TRANSLATIONS NO. 49. 19 Jul 65, 20p. JPRS-31140.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31638

Trans. of 4 selected articles from 1965 issues of Communist Chinese newspapers.

TT-65-31837 Field 5C

Shotaro, Ozaki.
COMMUNIST CHINA'S INDUSTRY AND MATERIALS TRANSLATIONS NO. 68. 30 Jul 65, 18p. JPRS-31340.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31837

Trans. of 3 articles from 1 selected Japanese periodical and 2 Chinese newspapers.

D. History, law and political science

TT-65-31431 Field 5D, 5K

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH KOREA NO. 96. 3 Jul 65, 28p. JPRS-30932.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31431

Translations of 5 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-31435 Field 5D, 5K

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH KOREA: TRANSLATIONS NO. 97. 3 Jul 65, 38p. JPRS-30936.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31435

Translations of 4 selected articles from May 65 issues of the North Korean periodical Kulloja.

TT-65-31446 Field 5D, 5F

Hsiao Hua.; Chang Chung.
POLITICAL AND SOCIOLOGICAL INFORMATION ON COMMUNIST CHINA: TRANSLATIONS NO. 295. 6 Jul 65, 17p. JPRS-30947.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31446

Trans. of 3 selected articles from 1964-65 issues of Communist Chinese periodicals.

TT-65-31456 Field 5D, 5I, 5K

COMMUNIST CHINA DIGEST NO. 149. 7 Jul 65, 86p. JPRS-30958.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31456

Trans. of extracts or summaries from selected articles of Chinese Communist and other publications concerning all major aspects of Chinese life.

TT-65-31457 Field 5D, 5K, 5C

INDEX OF LE MONDE NO. 62. 7 Jul 65, 54p. JPRS-30959.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31457

Consists of full, partial or condensed translations or summaries from the French newspaper Le Monde published 1-30 Jun 65 on political, sociological and economic subjects.

TT-65-31467 Field 5D

TRANSLATIONS ON AFRICA NO. 221. 7 Jul 65, 54p. JPRS-30969.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31467

Trans. of 10 selected articles on all countries of Africa except Egypt from 1965 issues of various periodicals.

TT-65-31480 Field 5D, 5K

POLITICAL AND SOCIOLOGICAL INFORMATION ON COMMUNIST CHINA: TRANSLATIONS NO. 296. 8 Jul 65, 41p. JPRS-30982.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31480

Translations of 6 selected articles from 1965 issues of various Communist Chinese periodicals.

TT-65-31595 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 735. 15 Jul 65, 51p. JPRS-31097.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31595

Translations of 1 selected articles from 1965 issues of various international Communist periodicals.

TT-65-31620 Field 5D, 6E

Chuvachin, D. S.; Cutler, Y.; Zvulotzki, A. V.
TRANSLATIONS ON THE MIDDLE EAST NO. 154. 16 Jul 65, 59p. JPRS-31122.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31620

Trans. of 5 selected articles from 1965 issues of Arab and Hebrew periodicals and newspapers.

TT-65-31646 Field 5D

THE PRAVDA EDITORIAL: TRANSLATION NO. 471. 19 Jul 65, 6p. JPRS-31148.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31646

Trans. from Pravda, Moscow (USSR) 10 Jul p1 1965.

TT-65-31822 Field 5D, 5K

Hoang, Ninh.; Nguyen, Kien.; Huyen, Vu.
POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 197. 30 Jul 65, 19p. JPRS-31325.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31822

Trans. of 4 selected articles from 1965 issues of Vietnamese periodicals and newspapers.

E. Human factors engineering

TT-65-31644 Field 5E, 5A

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 495. 19 Jul 65, 114p. JPRS-31146.
Order from CFSTI or ETC: HC$4.00, MF$0.50 as TT-65-31644

Trans. of 6 selected articles from 1965 issues of German, Hungarian, Polish, and Serbian periodicals and newspapers.

F. Humanities

TT-65-12591 Field 5F

Rambaud, L.
BRIAND (1862-1932). 22p.
Order from SLA: $2.60 as TT-65-12591

Trans. of l'Eloquence Francaise, v2 p379-90 1940.

TT-65-12656 Field 5F

Rambaud, L.
CLEMENCEAU (1849-1929). 26p.
Order from SLA: $2.60 as TT-65-12656

Trans. of l'Eloquence Francaise, v2 p361-71 1940.

G. Linguistics

TT-65-12534 Field 5G, 5I

Faverge, J. M.
THE LANGUAGE OF COMMUNICATIONS IN THE ANALYSIS OF WORK (Le Langage des Communications dans l'Analys du Travail). 26p, 10refs.
Order from SLA: $2.60 as TT-65-12534

Trans. of Centre d'Etudes et Recherches Psychotechniques Bulletin (France) v2 n1 p2-12 1953.

TT-65-12539 Field 5G

Pelsky, B. L.
THE STRUCTURE OF SOME SUNG VOWELS (La Structure de Quelques Voyelles Chantees). 27p.
Order from SLA: $2.60 as TT-65-12539

Trans. of Archives Neerlandaises de Phonetique Experimentale, v16-20 p122-42 1940-47.

TT-65-31645 Field 5G, 5F, 5A

AWARDS AND EVENTS IN THE HUNGARIAN ACADEMY OF SCIENCES. 19 Jul 65, 28p. JPRS-31147.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-31645

Trans. of Magyar Tudomany (Hungary) v10 n4 p288-98 1965.

I. Personnel selection, training and evaluation

TT-65-12566 Field 5I, 5J

Meurisse, R.
THE POINT OF VIEW OF A PSYCHOTECHNICIAN UPON THE RECRUITMENT AND SELECTION OF SALES REPRESENTATIVES (Le Point de Vue du Psychotechnician sur le Recrutement et la Selection des Representants). 18p, 1ref.
Order from SLA: $1.60 as TT-65-12566

Trans. of Travail et Methodes (France) n97 p181-4 1956.

TT-65-12682 Field 5I

Fuzellier, E.
POSSIBILITIES OF TEACHING WITH FILM (Possibilites d'un Enseignement du Cinema). 11p.
Order from SLA: $1.60 as TT-65-12682

Trans. of Enfance (France) v10 p377-82 1957.

TT-65-30531 Field 5I

Nikandrov, O. M.; Aleksandrov, A.; Kronrod, A.
TRAINING OF SCIENTIFIC AND TECHNICAL WORKERS IN THE SOVIET UNION. 17 Mar 65, 34p. JPRS-29166.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30531

Trans. of 4 selected articles from 1964 issues of Russian periodicals and newspapers.

TT-65-30601 Field 5I, 4B, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 164. 29 Mar 65, 48p, 42refs. JPRS-29316.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30601

Trans. of 5 articles from selected Chinese periodicals and newspapers.

J. Psychology (Individual and group behavior)

TT-65-11669 Field 5J

Knapen, M. T.
THE OVERALL ENVIRONMENT (Le Milieu Global). 13p, 3refs.
Order from SLA: $1.60 as TT-65-11669

Trans. from mono. L'Enfant Mukongo: Orientations de Base du Systeme Educatif et Development de la Personalite (The Mukongo Infant: Influence of the Educational System and Personality Development) Louvain, Nauwelaerts, 1962, p. 175-86.

TT-65-11686 Field 5J

Henriot, J.
THE BASIC STRUCTURE OF THE MORAL CONSCIENCE IN SCHOOL-AGE CHILDREN (Les Structures Elementaires de la Conscience Morale chez l'Enfant d' Age Scolaire). 16p, 1ref.
Order from SLA: $1.60 as TT-65-11686

Trans. of Enfance (France) v12 n2 p143-52 1959.

TT-65-12115 Field 5J

Fischer, G.
THE PARENTS OF ABNORMAL CHILDREN (Eltern Abnormaler Kinder). 14p.
Order from SLA: $1.60 as TT-65-12115

Trans. of Praxis der Kinder Psychologie und Kinder Psychiatrie (East Germany) v9/10 p12-4 1960/61.

TT-65-12542 Field 5J

Fulchignoni, E.
MOTION PICTURES AND PSYCHOLOGY (Cinema et Psychologie). 20p.
Order from SLA: $1.60 as TT-65-12542

Trans. of Revue de Psychologie Appliquee (France) v1 n2 p61-72 1951.

TT-65-12558 Field 5J

LeBeau, J.; Petrie, A.
STUDY OF PSYCHOLOGICAL CHANGES OF PERSONALITY PRODUCED BY CERTAIN SELECTIVE FRONTAL OPERATIONS (Etude Psychologique des Changements de la Personalite Produits par Certaines Operations Fronta les Selectives). 30p, 15refs.
Order from SLA: $2.60 as TT-65-12558

Trans. of Revue de Psychologie Appliquee (France) v3 n1 p1-16 1953.

TT-65-12565 Field 5J

Subes, J.
STUDY OF A GRAPHOLOGICAL TEST (Etude d'une Epreuve Graphologique). 27p, 14refs.
Order from SLA: $2.60 as TT-65-12565

Trans. of Revue de Psychologie Appliquee (France) v5 n1 p13-28 1955.

TT-65-12571 Field 5J

Fromont, P.
THE PSYCHOLOGICAL BEHAVIOR OF THE FRENCH FARMER IN THE FACE OF MODERNIZATION (Comportement Psychologique de l'Agriculteur Francais Devant la Modernisation). 12p.
Order from SLA: $1.60 as TT-65-12571

Trans. of Academie d'Agriculture de France. Comptes Rendus des Seances, v37 p48-52 1951.

TT-65-12572 Field 5J

Figuerido Torija, C. A.; Figuerido Santurtun, J. A.
ON THE REHABILITATION OF THE TUBERCULAR AND ITS PSYCHOLOGICAL AND PSYCHOTHERAPEUTIC MEANING (Sobre la Rehabilitacion del Tuberculoso y su Significado Psicologico y Psicoterapico). 20p.
Order from SLA: $1.60 as TT-65-12572

Trans. of Revista de Psicologia General y Aplicada (Spain) v10 n34 p366-380 1955.

TT-65-12575 Field 5J

Kerschbaum, P.
INVESTIGATIONS INTO THE PSYCHOLOGICAL STRUCTURE OF MEMORY DISTURBANCES DUE TO TRAUMATIC INJURY OF THE HYPOTHALAMUS (Untersuchungen zur Psychologischen Struktur der Merkfaehigkeitsstoerung bei Traumatischer Schaedigung des Hypothalamus). 28p, 28refs.
Order from SLA: $2.60 as TT-65-12575

Trans. of Zeitschrift fuer Experimentelle und Angewandte Psychologie (West Germany) v1 p244-64 1953.

TT-65-12578 Field 5J

Chantal, R.
APPLICATIONS OF SCIENTIFIC PREPARATION OF DECISIONS (Applications de la Preparation Scientifiques des Decisions). 25p.
Order from SLA: $2.60 as TT-65-12578

Trans. from Travail et Methodes (France) 1955.

TT-65-12653 Field 5J

Berge, A.
HOW CAN PARENTS HELP THE ADOLESCENT TOWARD HIS EMOTIONAL MATURITY (Comment les Parents Peuvent-ils Aider l'Adolescent Vers sa Maturite Affective). 22p.
Order from SLA: $2.60 as TT-65-12653

Trans. of l'Ecole des Parents (France) n10 p14-22 1955.

TT-65-12664 Field 5J

Boisbourdin, Ch.; Brisson de Laroche, A. B. de.; Michel, A.; Peltier, J. R.
EXPERIMENTATION WITH THE ROSENZWEIG PICTURE-FRUSTRATION TEST ON A GROUP OF STUDENT PILOTS OF THE AIR FORCE. 22p, 5refs.
Order from SLA: $2.60 as TT-65-12664

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Order from SLA: $3.60 as TT-65-12692

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Anokhin, P.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31562

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K. Sociology

TT-65-11684 Field 5K

Rosenfeld, H.
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Order from SLA: $1.60 as TT-65-11684

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THE SOCIOLOGY OF RELIGION IN THE WORKS OF EMILE DURKHEIM (Die Religionssoziologie bei Emile Durkheim). 19p.
Order from SLA: $1.60 as TT-65-12113

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Order from SLA: $1.60 as TT-65-12114

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Order from SLA: $1.60 as TT-65-12379

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Order from SLA: $1.10 as TT-65-12380

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Order from SLA: $1.60 as TT-65-12678

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THE INTRODUCTION AND CONCLUSION OF ANTI-FEMININE ATTITUDES AND THE INTELLECTUAL ENVIRONMENT. 15p, 19refs.
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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31557

Consists of 7 articles from 1965 issues of various Albanian newspapers and periodicals.

TT-65-31634 Field 5K, 5C

SUMMARY OF THE CZECHOSLOVAK PROVINCIAL PRESS NO. 314, 19 Jul 65, 21p. JPRS-31 36.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31634

Consists of full, partial or condensed translations or summaries based on all available Czechoslovakian newspapers published 5-11 Jun 65 on political, sociological and economic subjects.

06 BIOLOGICAL AND MEDICAL SCIENCES

A. Biochemistry

TT-65-11671 Field 6A

Kandler, O.
METABOLISM OF STARTER ORGANISMS (Stoffwechsel der Saeureweckerorganismen). 28p, 18refs.
Order from SLA: $2.60 as TT-65-11671

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SIMPLE MEASUREMENT OF BETA-LIPOPROTEIN BY DEXTRAN SULFATE METHOD. 4p, 2refs.
Order from SLA: $1.10 as TT-65-12134

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Geldmacher-Mallinckrodt, M.
DETECTION AND DISTINCTION OF SUGARS AND POLYSACCHARIDES BY SENSITIVE SPOT REACTIONS ON SILK (Nachweis und Unterscheidung von Zuckern und Polysacchariden durch Empfindliche Tuepfelreaktionen auf Seide). 19p, 8refs.
Order from SLA: $1.60 as TT-65-12543

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Inhoffen, H. H.; Siemers, H.
SYNTHETIC CHEMISTRY OF THE CAROTENOIDS (Synthetische Chemie der Carotinoide). 58p, 49refs.
Order from SLA: $5.60 as TT-65-12545

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Schroeder, W.; Voigt, K. D.; Werth, H. van der; Beckmann, I.
ON THE FRACTIONATION OF ADRENAL CORTEX EXTRACTS ESPECIALLY THE WATER SOLUBLE PORTIONS. PT. II. RESULTS OF SOME PURIFIED FRACTIONS (zur Fraktionierung von Nebennierenrinden-Extrakten, Besonders der Wasserloeslichen Anteile. II. Mitteilung. Ergebnisse an Einigen Gereinigten Fraktionen). 20p, 15refs.
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Trans. of Acta Endocrinologica (Denmark) v14 n1 p12-26 1953.

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Kiermeier, F.; Koeberlein, W.
ON THE HEAT INACTIVATION OF CRYSTALLIZED CATALASE WITH DIFFERING WATER CONTENTS (Ueber die Hitzeinaktivierung Kristallisierter Katalase bei Verschiedenen Wassergehalten). 18p, 38refs.
Order from SLA: $1.60 as TT-65-12548

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SERUM PROTEIN DETERMINATIONS OF RATS AND RABBITS WITH PAPER ELECTROPHORESIS. THE STANDARD VALUES FOR RATS AND RABBITS AND RABBITS (Serumeiweissbestimmungen bei Ratten und Kaninchen mit der Papierelektrophorese. I. Die Normalwerte bei Ratten und Kaninchen). 13p, 13refs.
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THE SLOWEST DARK REACTION OF PHOTOSYNTHESIS AND THE INFLUENCE OF POISONS ON THE LATTER, FOLLOWED BY ELECTROCHEMICAL OXYGEN MEASUREMENT (Die Langsamste Dunkelreaktion der Photosynthese und der Einfluss von Giften auf Diese, Verfolgt durch Elektrochemische Sauerstoffmessung). 51p, 27refs.
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C. Biology

NCH-200 284 Field 6C

Laiman, E. M.
NEW DATA ON THE LIFE CYCLE OF THE TREMATODES OF BURODERA LUCIOPERCAE (O. F. MUELLER) (Novye Dannye na Zhiznennomu Tsiklu Sosalshchkov Burodera Luciopercae (O. F. Mueller)). Dec 64, 12p. RTS-2750.
Order from NLL: 17s 6d as RTS 2750

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NEWS OF THE ORGANIZATION OF SOVIET SCIENCE. 19 Nov 64, 49p. JPRS-27442.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51691

Trans. of 9 articles from selected Russian periodicals and newspapers.

TT-65-11657 Field 6C

Schmidtke, H.; Stier, F.
THE SYNTHESIS OF COMPLEX MOVEMENTS FROM ELEMENTAL MOVEMENTS (Der Aufbau Komplexer

Bewegungsablaeufe aus Elementarbewegungen). 26p, (18 refs omitted) 4refs.
Order from SLA: $2.60 as TT-65-11657

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TT-65-11675 Field 6C

Richard, P. B.
PRELIMINARY TESTING OF THE ADAPTATION OF THE BEAVER TO SIMPLE PROBLEMS (Essai Preliminaire sur l'Adaptation a des Problemes Simples chez le Castor (Castor Fiber). 16p.
Order from SLA: $1.60 as TT-65-11675

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STUDIES ON THE NECTARIFEROUS SECRETION (Estudios Sbore la Secrecion Nectarifera). 26p, 40refs.
Order from SLA: $2.60 as TT-65-12385

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SOIL-INHABITING ALGAE AS PRODUCERS OF GROWTH SUBSTANCE FOR SOIL-INHABITING PHYTOPATHOGENIC FUNGI (Bodenbewohnende Algen als Wuchsstoffspender fuer Bodenbewohnende Pflanzenpathogene Pilze). 23p, 8refs.
Order from SLA: $2.60 as TT-65-12538

Trans. of Phytopathologische Zeitschrift (West Germany) v17 p218-28 1950.

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ELECTRONMICROSCOPE OBSERVATIONS OF A PARTICULAR FINE STRUCTURE OF THE LIGNIFIED CELL WALL IN SOME CONIFERS (Electronenmikroskopische Beobachtungen Ueber eine Besoridere Feinstruktur der Verholzten Zellwand bei Einigen Coniferen). 32p, 20refs.
Order from SLA: $3.60 as TT-65-12599

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REGULATION IN BIOLOGY (Regelung in der Biologie). 17p, 7refs.
Order from SLA: $1.60 as TT-65-12602

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Order from SLA: $1.60 as TT-65-12652

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Baer, J. G.
INFLUENCE OF PARASITE SPECIFICITY UPON TAXONOMY. PROBLEMS OF EVOLUTION IN THE CYCLOPHYLLIDIAN CESTODES (Incidence de la Specificite Parasitaire sur la Taxinomie. Problemes d'Evolution chez les Cestodes Cyclophyllidiens). 19p.
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TT-65-12677 Field 6C

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Order from SLA: $1.10 as TT-65-12677

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Order from SLA: $1.10 as TT-65-12684

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TT-65-12685 Field 6C

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FUSARIC ACID, A SECOND TOXIN OF WILT PRODUCED

BY FUSARIUM LYCOPERSICI SACC (L'Acide Fusarique, une Seconde Toxine de Fletrissement Produite par Fusarium Lycopersici Sacc). 4p, 2refs.
Order from SLA: $1.10 as TT-65-12685

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TT-65-12701 Field 6C

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GENOME ANALYSIS INVESTIGATIONS ON F1 SPECIES HYBRIDS BETWEEN SQUASH (CUCURBITA MOSCHATA DUCH.) AND THE WILD SPECIES CUCURBITA FOETIDISSIMA HBK (Genomanalytische Untersuchungen an F1-Artbastarden Zwischen Moschuskuerbis (Cucurbita Moschata Duch.) und der Wildart Cucurbita Foetidissima HBK). 17p, 11refs.
Order from SLA: $1.60 as TT-65-12701

Trans. of der Zuechter (West Germany) v30 n6 p247-50 1960.

TT-65-30721 Field 6C, 13I, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 169. 13 Apr 65, 45p. JPRS-29564; N65(22852-22854).
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30721

Trans. of 8 selected articles from 1963-64-65 issues of Communist Chinese periodicals and newspapers.

TT-65-31491 Field 6C, 6O, 13B, 6J, 6R

STUDIES IN HYGIENE AND SANITATION. 9 Jul 65, 47p, 28refs. JPRS-30993.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31491

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-62816 Field 6C, 2D

Matlashenko, E. V.
THE ROOT KNOT NEMATODE IN TADZHIKISTAN. Tr. by Charles T. Ostertag, Jr. Jun 65, 3p. ABL-Trans-1411; AD-619 000.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 000

Trans. of Zashchita Rastenii ot Vreditelei i Boleznei (USSR) v9 n7 p53 1964.

D. Bionics

TT-64-51912 Field 6D, 5A, 9B

ARTICLES FROM THE SOVIET PRESS ON APPLICATIONS OF CYBERNETICS. 11 Dec 64, 28p. JPRS-27791.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51912

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TT-65-31642 Field 6D, 5K

Pekelis, V.
CYBERNETICS IN THE DETECTION OF CRIME. 19 Jul 65, 17p. JPRS-31144.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31642

Trans. of Tekhnika Molodezhi (USSR) v33 n4 p33-6 1965.

E. Clinical medicine

NCH-201 684 Field 6E

Nicod, J. L.
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Order from ATS: $14.50 as ATS-41S84F

Trans. of Revue Medicale de la Suisse Romande (Switzerland) v84 n11 p811-22 1964.

NCH-201 728 Field 6E, 6O

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Order from ATS: $5.00 as ATS-88S84G

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TT-64-11415/4 Field 6E, 18B

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Order from CFSTI: HC$4.00 as TT-64-11415/4

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-12006 Field 6E

Topete, A.; Pulido, J.; Huizar, H.; Paz, R.
EXPERIMENTAL PULMONAR AUTO-TRANSPLANTATION. 5p.
Order from SLA: $1.10 as TT-65-12006

Trans. of Revista Mexicana de Tuberculosis y Aparato Respiratorio, v17 n6 p522-6 1956.

TT-65-12009 Field 6E

Barraquer, J. I.
MODIFICATION OF REFRACTION BY MEANS OF INTRACORNEAL INCLUSIONS (Modificacion de la Refraccion por Medio de Inclusiones Intracorneales). 5p.
Order from SLA: $1.10 as TT-65-12009

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TT-65-12532 Field 6E

Loubatieres, A.; Bouyard, P.; Fruteau de Laclos, Ch.
URIC ACID AND SUGAR DIABETES (Acide Urique et Diabete Sucre). 16p, 10refs.
Order from SLA: $1.60 as TT-65-12532

Trans. of Archives des Sciences Physiologiques (France) v6 n1 p53-61 1952.

TT-65-12550 Field 6E

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Order from SLA: $3.60 as TT-65-12550

Trans. of Centre d'Etudes et Recherche Psychotechniques. Bulletin (France) v4 p154-73 1955.

TT-65-12551 Field 6E

Wullstein, H.
PROGNOSIS AND RESULTS OF TYMPANIC PLASTIC SURGERY (Prognose und Resultat der Tympanoplastik). 30p, (refs omitted).
Order from SLA: $2.60 as TT-65-12551

Trans. of Acta Oto-Laryngologica (Sweden) v45 n5 p440-54 1955.

TT-65-12604 Field 6E

Wiedermann, D.
THE SEPARATION OF SERUM GLOBULINS WITH PAPER ELECTROPHORESIS (Die Unterfraktionen der Serumglobuline bei der Papierelektrophorese). 5p, (2 figs omitted) 8refs.
Order from SLA: $1.10 as TT-65-12604

Trans. of Schweizerische Medizinische Wochenschrift, v83 n50 p1208-9 1953.

TT-65-12787 Field 6E

Bode, G.
NEW METHODS OF DIAGNOSING DEGENERATIVE VASCULAR DISEASES AND OF MONITORING THEIR DRUG THERAPY. 10p.
Order from SLA: $1.10 as TT-65-12787

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TT-65-12803 Field 6E

Drohocki, Z.
QUANTITATIVE ELECTROENCEPHALOGRAPHY: MODIFICATIONS IN THE LEVEL OF CEREBRAL ELECTROGENESIS BY INTERMITTENT RETINAL STIMULATION (FLICKER) (Electroencephalographie Quantitative: Les Modifications du Niveau de l'Electrogenese Cerebrale par la S. L. I.). 12p, 4refs.
Order from SLA: $1.60 as TT-65-12803

Trans. of Revue Neurologique (France) v103 n3 p276-83 1960.

TT-65-12805 Field 6E

Schmid, J. R.; Oechslin, R. J.; Schnider, Th.; Maeschlin, S.
A SIMPLE 6-HOUR INTRAMUSCULAR TEST WITH DESFERRIOXAMINE B (DESFERAL) FOR THE DIAGNOSIS OF HEMOCHROMATOSIS (Ein Einfacher 6stuendiger i.m. Test mit Desferrioxamin-B (Desferal) zur Diagnose der Haemochromatose). 10p, 23refs.
Order from SLA: $1.10 as TT-65-12805

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TT-65-30199 Field 6E

PUBLIC HEALTH IN THE USSR. 26 Jan 65, 35p. JPRS-28459.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30199

Trans. of 8 selected articles from 1964 issues of Russian periodicals.
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TT-65-30311 Field 6E, 11E, 6O, 6C, 5I

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 146. 11 Feb 65, 36p. JPRS-28719.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30311

Trans. of 8 selected articles from 1964-65 issues of Communist Chinese periodicals and newspapers.

TT-65-30416 Field 6E, 6O, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 153. 2 Mar 65, 50p, 27refs. JPRS-28950.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30416

Trans. of 9 selected articles from 1963-64 issues of Communist Chinese periodicals.
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TT-65-30547 Field 6E, 6M, 6C, 9B, 20E, 6O, 6T

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 161. 19 Mar 65, 142p, 147refs. JPRS-29200.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-65-30547

Trans. of 20 selected articles from 1964-65 issues of Communist Chinese periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30687 Field 6E, 6C

EPIDEMIOLOGY REPORTS FROM THE WORLD PRESS NO. 10. 9 Apr 65, 38p. JPRS-29502.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30687

Trans. of 26 short news items from Oct 64-Mar 65 covering incidence and outbreaks of diseases, human, animal, and plant, in various countries.

TT-65-30871 Field 6E

CURENT TOPICS IN SOVIET MILITARY MEDICINE. 3 May 65, 19p. JPRS-29850.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30871

Trans. from Voenno-Meditsinskii Zhurnal (USSR) n3-4, 6-7, 9-10 1964 and Lekarz Wojskowy (Poland) n7-9, 11-12 1964; n1 1965.

TT-65-30927 Field 6E, 17B, 5A

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TT-65-31267 Field 6E, 6J

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-31407 Field 6E, 5C, 5D

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TT-65-50306/2 Field 6E, 6M, 6O, 6T

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TT-65-62923 Field 6E, 6A

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F. Environmental biology

TT-65-62823 Field 6F, 6M, 6C

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O. Pharmacology

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NCH-200 899 Field 6O, 6C

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NCH-201 706 Field 6O

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TT-65-31474 Field 6O, 6T, 6J

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For table of contents, see the 'Translated Tables of Contents' section of this issue.

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TT-65-30514 Field 7A, 13I

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Contains translations of 9 articles from Nov/Dec 64 and Jan 65 issues of various Russian newspapers.

TT-65-30533 Field 7A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of 3 selected articles from 1964-65 issues of Russian periodicals and newspapers.

TT-65-30608 Field 7A

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Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of 6 selected articles from Dec 64 issues of various Russian newspapers.
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TT-65-30830 Field 7A

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TT-65-30953 Field 7A

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TT-65-30975 Field 7A, 13I

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-30998 Field 7A

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30998

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TT-65-31067 Field 7A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of 6 selected articles from 1965 issues of Russian newspapers.
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TT-65-31217 Field 7A

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Order from CFSTI or ETC: HC$2.00, MF$0.50
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Contains translations of selected articles and news briefs from Jan-Apr 65 issues of Russian newspapers.

TT-65-31310 Field 7A

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31310

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TT-65-31820 Field 7A

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Order from CFSTI or ETC: HC$3.00, MF$0.75
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Trans. of 14 selected articles from 1965 issues of Russian periodicals and newspapers.

TT-65-31821 Field 7A, 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET CHEMICAL MACHINE BUILDING NO. 56. 30 Jul 65, 10p. JPRS-31324.
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B. Inorganic chemistry

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Trans. of Patent (East Germany) 28 740.
Patent appl. 4 Aug 60, pub. 25 May 64.

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Order from TTIS: $5.40 as TTIS-NS-376

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Order from ATS: $11.75 as ATS-67S84G

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Order from SLA: $1.10 as TT-65-12495

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Order from ETC: $1.10 as TT-65-27653

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Order from ETC: $1.60 as TT-65-27657

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Order from ETC: $1.10 as TT-65-27688

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

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Patent appl. 27 Dec 61, pub. 5 Apr 64.

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Patent appl. 7 Dec 62, pub. 15 Jul 64.

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Order from TC: $19.00 as TC-795

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NCH-201 103 Field 7C

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Order from TC: $7.00 as TC-798

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NCH-201 104 Field 7C

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NCH-201 116 Field 7C

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Trans. of Patent (Belgium) 643 057.
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Trans. of Patent (Belgium) 657 689.
Patented by General Mills.

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Order from TC: $17.00 as TC-463

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Order from TC: $9.50 as TC-499

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NCH-201 397 Field 7C, 11E

METHOD OF PREPARATION OF A FIBER MATERIAL FROM A MACROMOLECULAR ORGANIC SUBSTANCE. Jun 65, 5p. TC-852.
Order from TC: $5.50 as TC-852

Trans. of Patent (Netherlands) 252 969.
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NCH-201 401 Field 7C

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Order from TC: $19.00 as TC-860

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Order from TC: $6.50 as TC-864

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NCH-201 410 Field 7C, 11I, 11E

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Trans. of Patent (Netherlands) 64 09 145.
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NCH-201 545 Field 7C

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Order from TC: $7.00 as TC-886

Trans. of Patent (Germany) 1 151 498.
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NCH-201 550 Field 7C

PROCESS FOR PRODUCTION OF 1,3-DICHLORO-OLEFINS. Jul 65, 19p. TC-903.
Order from TC: $16.00 as TC-903

Trans. of Patent (France) 1 376 809.
Patented 11 Oct 63 by Showa Denko Kabushiki Kaisha.

NCH-201 554 Field 7C, 11I, 11E

METHOD FOR INCREASING THE DYE AFFINITY OF NYLON-66 AND PRODUCTS FROM THIS NYLON. Jul 65, 8p. TC-923.
Order from TC: $7.00 as TC-923

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NCH-201 573 Field 7C, 11I, 11E

METHOD FOR INCREASING THE DYE AFFINITY OF NYLON-66 AND PRODUCTS PREPARED FROM THIS POLYMER. Jul 65, 6p. TC-925.
Order from TC: $6.50 as TC-925

Trans. of Patent (Netherlands) 64 10 655.
Patented 11 Sep 64 by Monsanto Co.

NCH-201 577 Field 7C

PROCESS FOR THE PREPARATION OF ALDEHYDES AND/OR ALCOHOLS BY THE OXO SYNTHESIS. Jun 65, 13p. TC-787.
Order from TC: $9.50 as TC-787

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Order from TC: $8.50 as TC-817

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Patented 13 Sep 63 by American Cyanamid Co.

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Order from TC: $12.50 as TC-841

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Order from SLA: $1.10 as TT-65-12489

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Order from SLA: $1.60 as TT-65-12503

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Order from SLA: $1.10 as TT-65-12507

Trans. of Patent (Germany) 1 078 106.
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Order from ETC: $1.10 as TT-65-27689

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Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30464

Contains summaries or translations of 11 selected articles from 1964 and Jan 65 issues of various Communist Chinese newspapers.

TT-65-62830 Field 7C, 11H, 11G

NEW ORGANIC SILICATES: (3-PHENOXY-PHENOXY) SILANES. Jun 65, 16p. RSIC-426; AD-619 024.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 024

Trans. of Patent (France) add. 81 295.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 051

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D. Physical chemistry

NCH-201 127 Field 7D

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NCH-201 454 Field 7D

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Order from TC: $27.00 as TC-911

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Order from ETC: $1.60 as TT-65-27200

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Order from CNRS as G/R-4550

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Order from CNRS as G/R-4551

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Order from ETC: $1.10 as TT-65-27476

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Order from ETC: $1.10 as TT-65-27478

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Order from ETC: $1.10 as TT-65-27651

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Skarchenko, V. K.
SUR LA SELECTIVITE DES CATALYSEURS DE DESHYDROGENATION. 5p, 15refs. CNRS-VIIIbis 1145.
Order from ETC: $1.10 as TT-65-27662

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Also available from CNRS.
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K. Seismology

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09 ELECTRONICS AND ELECTRICAL ENGINEERING

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TT-65-30559 Field 9C

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30559

Trans. of selected articles and news briefs from 1964-65 issues of Russian newspapers.
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TT-65-30994 Field 9C, 14B, 11F, 6C, 7C, 7D, 7E

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 179. 17 May 65, 106p, 83refs. JPRS-30087; N65(25114-25120).
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TT-65-31003 Field 9C

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TT-65-31643 Field 9C, 7A

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31643

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D. Information theory

TT-65-27693 Field 9D

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Order from ETC: $1.60 as TT-65-27693

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Also available from CNRS.
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10 ENERGY CONVERSION (NON-PROPULSIVE)

C. Energy storage

NCH-200 909 Field 10C

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Order from TTIS: $6.30 as TTIS-NS-384

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Patent appl. 2 May 63, pub. 15 Aug 64.

11 MATERIALS

A. Adhesives and seals

NCH-200 817 Field 11A

SEALING DEVICE. Jun 65, 4p.
rder from ES: $3.00

Trans. of Patent (France) 1 143 793.
Patented by Chauveau Freres and Co.

NCH-200 819 Field 11A, 13H

IMPROVEMENT IN METAL CAP CLOSURES, PARTICULARLY FOR CLOSING BEVERAGE BOTTLES AND THE LIKE, AND RELATED IMPROVED CLOSURES. Jun 65, 8p.
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Trans. of Patent (Italy) 515 093.
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Patent appl. 4 Jan 60, pub. 25 Apr 64.

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PROCESS FOR THE IMPROVEMENT OF THE ADHERENCE TO RUBBER OF POLYETHYLENE TEREPHTHALATE FABRIC FOR RUBBER TIRES. Jun 65, 8p. TC-847.
Order from TC: $8.00 as TC-847

Trans. of Patent (Belgium) 630 633.
Patented 30 Apr 63 by Vereinigte Glanzstoff-Fabriken AG.

NCH-201 592 Field 11A, 1 J, 11E

IMPROVEMENTS IN THE ADHERENCE OF POLYESTER MATERIALS TO A RUBBER COMPOUND. Jun 65, 17p. TC-848.
Order from TC: $15.50 as TC-848

Trans. of Patent (Belgium) 637 575.
Patented 19 Sep 63 by Teijin, Ltd.

NCH-201 594 Field 11A, 11J, 11E

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B. Ceramics, refractories and glasses

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Munchberg, W.
THE MINERALOGICAL STRUCTURE OF REFRACTORY DOLOMITE BRICKS BEFORE AND AFTER USE, SPECIALLY IN STEEL AND DOLOMITE-CYLINDRICAL ROTARY KILNS. 1965. BISI-2705.
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NCH-200 820 Field 11B, 13H

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CONSTRUCTION AND OPERATION OF STEEL RECUPERATORS FOR GLASS MELTING TANKS. Jun 65. BGIRA-635.
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NCH-200 821 Field 11B

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NCH-200 822 Field 11B

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Trans. of Strojirenstvi (Czechoslovakia) v13 p844-6 Nov 1963.

NCH-201 647 Field 11F

Messing, T.
STEAM-JET VACUUM PUMPS FOR STEEL DEGASSING. 15 Jul 65. BISI 4218.
Order from BISI: L6 10s as BISI-4218

Trans. of Vakuum-Technik (West Germany) v13 p201-9 1964.

NCH-201 652 Field 11F

Hettich, W.
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Order from BISI: L4 as BISI-4301

Trans. of Blech (West Germany) v12 n2 p77-80 1965.

NCH-201 676 Field 11F, 21D

Sukhorukov, I. F.; Babenko, E. M.; Gavrina, M. V.
SURFACE EFFECTS AT THE INTERFACE BETWEEN CARBONACEOUS MATERIAL AND COAL PITCH. 1965. 5p. ATS-64S84R.
Order from ATS: $8.50 as ATS-64S84R

Trans. of Tsvetnye Metally (USSR) v38 n3 p65-8 1965.

TT-64-51645 Field 11F

Mukhamedov, L.; Gorodetskii, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 220. 16 Nov 64, 9p. JPRS-27389.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51645

Trans. of 3 selected articles from 1964 issues of Russian periodicals.

TT-64-51674 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 222. 18 Nov 64, 35p. JPRS-27425.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-64-51674

Trans. of selected articles and news briefs from 1964 issues of Russian periodicals and newspapers.

TT-65-27346 Field 11F

Tsikerman, L. J.; Keselman, G. S.
METHODE DE CALCUL DE L'EFFICACITE ECONOMIQUE DES MESURES DE PROTECTION CONTRE LA CORROSION SUR LES GAZODUCS. Org. 55-30705bis; CNRS-G/R-4475.
Order from CNRS as G/R-4475

Trans. in French of Gazovoe Delo. Nauchno-Tekhnicheskii Sbornik (USSR) n8 p35-9 1963.

TT-65-27352 Field 11F

Kofanov, K. P.
CORROSION DES TUBES DE PRODUCTION DES PUITS DE GAZ A CONDENSAT. Org. 55-30453bis; CNRS-G/R-4481.
Order from CNRS as G/R-4481

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TT-65-27453 Field 11F

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Order from CNRS as G/X-1621

Trans. in French of Nihon Kinzoku Gakkai Kaiho (Japan) v1 n11 p683-9 1962.

TT-65-27684 Field 11F

Kekalo, I. B.; Livshits, B. G.
FROTTEMENT INTERNE DE L'INVAR EN FONCTION DE LA TEMPERATURE, DE LA TENURE EN CARBONE, DE L'AIMANTABILITE ET DU FACTEUR TEMPS. 13p, 11refs. CNRS-XVII 749.
Order from ETC: $1.60 as TT-65-27684

Trans. in French of Fizika Metallov i Metallovedenie (USSR) v12 n6 p838-45 1961.
Also available from CNRS.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-27685 Field 11F

Kekalo, I. B.; Livshits, B. G.
EFFET DE MAGNETO-DIFFUSION DANS L'INVAR ETUDIE PAR LA METHODE DE FROTTEMENT INTERNE. II. 10p, 4refs. CNRS-XVII 750.
Order from ETC: $1.10 as TT-65-27685

Trans. in French of Fizika Metallov i Metallovedenie (USSR) v12 n5 p644-51 1961.
Also available from CNRS.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-27687 Field 11F

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NOUVEL EFFET MAGNETO-DIFFUSION DANS L'INVAR ETUDIE PAR LA METHODE DE FROTTEMENT INTERNE. I. 13p, 7refs. CNRS-XVII 751.
Order from ETC: $1.60 as TT-65-27687

Trans. in French of Fizika Metallov i Metallovedenie (USSR) v12 n3 p314-21 1961.
Also available from CNRS.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-29164 Field 11F

Kunzendorf, W.
TECHNOLOGISCHE GRUNDLAGEN FUR DAS ROHRKALTBIEGEN. 19p.
Order from ETC or TIB: $1.60 as TT-65-29164

Trans. in German of Obrobka Plastyczna (Poland) v4 n1 p47ff.

TT-65-29185 Field 11F

Revazyan, A. A.; Aznauryan, Zh. A.; Palyan, A. K.
INDUSTRIELLE METHODE ZUR BESTIMMUNG DER ALUMINIUMVERLUSTE. 13p.
Order from ETC or TIB: $1.60 as TT-65-29185

Trans. in German of Nauchno-Issledovatel'skii Gorno-Metallurgicheskii Institut, Erevan. Nauchnye Trudy (USSR) v2 p89-102 1961.

TT-65-29187 Field 11F

Kurdyumov, G. V.; Khandros, L. G.
MIKROSTRUKTURUNTERSUCHUNG DER KINETIK DER MARTENSITUMWANDLUNGEN IN DEN LEGIERUNGEN KUPFER-ZINN. 20p.
Order from ETC or TIB: $1.60 as TT-65-29187

Trans. in German of Zhurnal Tekhnicheskoi Fiziki (USSR) v19 n7 p761-8 1949.

TT-65-29197 Field 11F

Lapidus, V. A.
MECHANISMUS DES LEGIERUNGSVORGANGES VON SCHMELZGUT. 14p.
Order from ETC or TIB: $1.60 as TT-65-29197

Trans. in German of Avtogennoe Delo (USSR) v21 n12 p16-20 1950.

TT-65-29203 Field 11F

Moshchanskii, N. A.; Puchnina, E. A.
DIE BESTIMMUNG DER AGGRESSIVITAT DER WICHTIGSTEN GASE GEGENUBER STAHL, BETON UND ORGANISCHEN SCHUTZUBERZUGEN. 23p.
Order from ETC or TIB: $2.60 as TT-65-29203

Trans. in German of Akademiya Arkhitektury SSSR, Nauchno-Issledovatel'skii Institut Betona i Zhelezobetona. Trudy (USSR) n28 p5-27 1962.

TT-65-29224 Field 11F

Gerasimov, V. V.; Moskvichev, G. S.
BEKAMPFUNG DER SPANNUNGSRISSKORROSION IM AUSTENITISCHEN STAHL IN CHLORIDHALTIGEM WASSER. 5p.
Order from ETC or TIB: $1.10 as TT-65-29224

Trans. in German of Teploenergetika (USSR) v9 n11 p67-8 1962.

TT-65-29225 Field 11F

Lapotyshkin, N. M.; Mironov, L. V.; Korobova, N. A.; Baranova, N. A.; Belyakov, A. I.
DIE STRUKTUR DES KALTGEWALZTEN TRANSFORMATORENSTAHLES. 7p.
Order from ETC or TIB: $1.10 as TT-65-29225

Trans. in German of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n12 p26-9 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 2.

TT-65-30255 Field 11F

Minenko, V.; Likhtenshtein, M.; Shapiro, L. Gorodetskii, V.; Pitskhelauri, G.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 237. 2 Feb 65, 11p. JPRS-28586.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30255

Trans. of 3 selected articles from 1964 issues of Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30258 Field 11F

Gerasimov, I.; Zubtsov, G.; Makhrachev, A.; Lebanidze, G.
USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 116. 2 Feb 65, 11p. JPRS-28593.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30258

Trans. of selected articles from 1965 issues of Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30310 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 239. 11 Feb 65, 21p. JPRS-28718.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30310

Contains translations of 5 selected articles from Dec 64 and Jan 65 issues of various Russian newspapers and periodicals.

TT-65-30371 Field 11F

Palm, A.; Akhmatov, S.; Rutkovskii, G.; Bryushenko, A.; Donchenko, A.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 241. 19 Feb 65, 30p. JPRS-28848.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30371
Trans. of 6 articles from selected Russian periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30398 Field 11F

Borisov, S.; Chepurko, M.; Pritomanov, A.; Agaev, A.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 242. 26 Feb 65, 14p. JPRS-28918.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30398

Trans. of 4 selected articles from 1964 issues of Russian newspapers.

TT-65-30437 Field 11F

Lebanidze, G.; Kostyukov, I. I.; Arutyunyan, M.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 244. 3 Mar 65, 23p. JPRS-28984.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30437

Trans. of 4 selected articles from 1964 issues of various Russian periodicals.
Available copy will not permit fully legible reproduction.

TT-65-30458 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 119. 5 Mar 65, 23p. JPRS-29012.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30458

Trans. of 5 articles from selected Russian periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30483 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 246. 10 Mar 65, 8p. JPRS-29066.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30483

Trans. of 3 selected articles from Jan 65 issues of various Russian newspapers.

TT-65-30502 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 247. 12 Mar 65, 24p. JPRS-29097.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30502

Trans. of 6 selected articles from 1964 issues or Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30546 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 248. 19 Mar 65, 41p. JPRS-29197.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30546
Trans. of 8 selected articles and 1 news brief from 1964-65 Russian periodicals and newspapers.

TT-65-30594 Field 11F

STUDIES IN TITANIUM ALLOYS. 26 Mar 65, 31p. JPRS-29305; (N65-20290-20295).
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30594
Trans. of 5 selected articles from 1964 issues of Russian books and periodicals.

TT-65-30624 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 251. 31 Mar 65, 28p. JPRS-29367.

Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30624

Trans. of selected articles from 1964-65 issues of Russian newspapers.

TT-65-30633 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 252. 2 Apr 65, 25p. JPRS-29395.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30633

Trans. of 7 selected articles from 1964 and Jan 65 issues of various Russian newspapers and periodicals.

TT-65-30741 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 255. 14 Apr 65, 25p. JPRS-29600.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30741

Trans. of 5 articles from 1965 issues of various Russian periodicals.
Available copy will not permit fully legible reproduction.

TT-65-30853 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 125. 29 Apr 65, 19p. JPRS-29824.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30853

Contains translation of 4 selected articles from Jan/Feb 65 issues of various Russian newspapers.

TT-65-30897 Field 11F

Zhirik, V.; Trishevskii, I. T.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 260. 4 May 65, 13p. JPRS-29907.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30897

Trans. of 3 selected articles from 1965 issues of Russian newspapers.

TT-65-30920 Field 11F

Titarenko, N.; Bychikhin, A.; Rudakov, A.; Tereshchenko, N.; Milash, N.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 261. 5 May 65, 20p. JPRS-29938.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30920

Trans. of 5 selected articles from 1965 issues of Russian newspapers.

TT-65-30977 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 263. 12 May 65, 34p. JPRS-30046.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30977

Trans. of 10 selected articles from 1965 issues of various Russian periodicals and newspapers.

TT-65-30985 Field 11F, 13E

Golovin, V. A.; Ulyanov, E. Kh.
SOLDERS COMPOSED OF NOBLE METALS AND ALLOYS. 13 May 65, 17p. JPRS-30064; N65-24023.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30985

Trans. of mono. Svoistva Blagorodnykh Metallov i Splavov, Moscow, 1964 p169-80.
Properties of Noble Metals and Alloys.

TT-65-31008 Field 11F

Misnik, M.; Zherebin, B.; Okushko, B.; Milivatskii, N.; Zhukov, A.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 264. 17 May 65, 15p. JPRS-30114.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31008

Trans. of 4 selected articles from 1965 issues of Russian newspapers.

TT-65-31014 Field 11F

Makurov, L.; Raspolov, I.; Syromyatnikov, V.; Aleksandrov, V.; Zelenin, I.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 265. 19 May 65, 17p. JPRS-30142.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31014

Trans. of 5 selected articles from 1965 issues of Russian newspapers.

TT-65-31114 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET NONFERROUS METALLURGY NO. 128. 31 May 65, 22p. JPRS-30331.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31114

Trans. of 6 selected articles from 1965 issues of Russian newspapers.

TT-65-31198 Field 11F, 13H

SOVIET CONFERENCES ON METALLURGICAL PROBLEMS. 8 Jun 65, 59p. JPRS-30487; N65-(26205-26217).
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-31198

Trans. of 13 selected articles from 1965 issues of Russian periodicals.

T-65-31207 Field 11F, 13H

SOVIET CONFERENCES ON METALS AND METALLURGY. 8 Jun 65, 50p. JPRS-30496.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as

TT-65-31207

Trans. of 7 selected articles from 1964-65 issues of Russian periodicals.

TT-65-31279 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 272, 16 Jun 65, 21p. JPRS-30651.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31279

Trans. of 8 selected articles and newsbriefs from Apr/May 65 issues of Russian newspapers.

TT-65-31433 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 276, 3 Jul 65, 15p. JPRS-30934.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31433

Translations of 3 selected articles from May 65 issues of various Russian newspapers.

TT-65-31552 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 277, 13 Jul 65, 21p. JPRS-31054.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31552

Translations of 18 selected articles from 1965 issues of various Russian newspapers and periodicals.

TT-65-31640 Field 11F

Filatov, A.; Dekhtyarev, S.; Stafeev, A.; Makaev, S. V.; Stolkevich, M.
USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 279, 19 Jul 65, 28p. JPRS-31142.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31640

Trans. of selected articles and news briefs from 1965 issues of Russian periodicals and newspapers.

TT-65-62806 Field 11F

INVESTIGATIONS ON HEAT-RESISTANT ALLOYS, VOL. 9, 1962: SELECTED ARTICLES. 30 Mar 64, 91p, 45refs. FTD-MT-63-206; AD-618 926.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-618 926

Edited machine trans. of Issledovaniya po Zharoprochnym Splavam (USSR) v9 p42-6, 66-72, 87-8, 133-9, 187-9, 218-48 1962.
For table of contents, see the 'Translated Tables of Contents' section of this issue.
Another trans. of p42-6 is available on loan from CFSTI as TT-65-61185, NLL-M.5558, 5p.; and of p218-26 from CFSTI $1.00 in TT-64-21047 (p23-34), JPRS-22336, 12p.
Available copy will not permit fully legible reproduction.

TT-65-62938 Field 11F, 20K

Kaminskii, A. O.
ELLIPTICAL HOLE WITH CRACKS. 11 Aug 65, 9p, 5refs. FTD-TT-65-600; AD-619 332.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 332

Unedited rough draft trans. of Akademiya Nauk URSR, Kiev. Dopovidi n10 p1301-5 1964.

TT-65-62940 Field 11F, 13H

Svede-Shvets, N. I.; Eiduk, Yu. A.; Enina, V. A.; Vodopyanova, L. S.; Trushin, Yu. V.
THERMOELECTRIC CHARACTERISTICS OF METALLIC SINTERED ALLOYS ON A TUNGSTEN AND MOLYBDENUM BASE. 4 Aug 65, 16p, 5refs. FTD-TT-65-642; AD-619 334.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 334

Edited trans. of Tsentral'nyi Nauchno-Issledovatel'skii Institut Chernoi Metallurgii. Sbornik Trudov (USSR) n30 p7-16 1963.

G. Miscellaneous materials

NCH-201 540 Field 11G

Hummel, D.
ANALYSIS OF SURFACTANTS (I). Jul 65, 20p. TC-879.
Order from TC: $17.00 as TC-879

Trans. of Tenside (West Germany) v1 n2 p50-9 1964.

TT-65-62982 Field 11G

Chechetkin, A. V.
HIGH TEMPERATURE HEAT-TRANSFER AGENTS. 9 Apr 65, 438p, 290refs. FTD-MT-63-246; AD-619 382.
Available on loan from CFSTI as TT-65-62982

Edited machine trans. of mono. Vysokotemperaturnye Teplonositeli, Moscow, 1962 p1-427.
Document is not reproducible and is available from the Clearinghouse on loan only.

H. Oils, lubricants, and hydraulic fluids

NCH-200 903 Field 11H, 7A

Turnheim, F.; Opitz, R.
PROCESS FOR MAKING VEGETABLE AND MINERAL OILS HYDROPHILIC FOR COSMETIC PRODUCTS. 1965.
TTIS-NS-378.
Order from TTIS: $3.60 as TTIS-NS-378

Trans. of Patent (East Germany) 29 032.
Patent appl. 22 Dec 61, pub. 25 May 64.

TT-65-27706 Field 11H

Kolombo, M.; Jelovica, R.
DEPARAFFINAGE EN LABARATOIRE DES HUILES LUBRIFIANTES (Laboratorijska Deparafinacija Mazivih Ulja). 11p, (foreign text included). CNRS-VI 1242.
Order from ETC: $1.60 as TT-65-27706

Trans. in French of Nafta (Czechoslavakia) v13 n11/12 p343-8 1962.
Also available from CNRS.

TT-65-62827 Field 11H

Oparina, E. M.; Sentyurikhina, L. N.; Dokunikhin, N. S.; Egorova, L. M.; Dmitrieva, V. G.
A METHOD FOR OBTAINING VNII NP-235 HIGH TEMPERATURE LUBRICANTS. 24 Jul 63, 3p. FTD-TT-61-485; AD-619 011.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 011

Unedited rough draft trans. of Patent (USSR) 131 433. Patent appl. 9 Oct 60, as no. 640 859/23, 2p.

I. Plastics

NCH-200 870 Field 11I

Buchmann, G.; Lindow, R.
ALKOXYLATED 2-PHENYL INDOLES AND THEIR STABILISING ACTION. 1965. TTIS-NS-345.
Order from TTIS: $15.00 as TTIS-NS-345

Trans. of Plaste und Kautschuk (East Germany) v11 n5 p269-70 1964.

NCH-200 871 Field 11I

Wolkober, Z.; Wolkober, E.
THE EFFECT OF METAL COMPOUNDS ON THE PROCESSING PROPERTIES OF PVC. 1965. TTIS-NS-346.
Order from TTIS: $36.00 as TTIS-NS-346

Trans. of Plaste und Kautschuk (East Germany) v11 n5 p270-5 1964.

NCH-200 874 Field 11I

Muller, W.; Berger, K.
A METHOD FOR THE CONTROL OF THE TRANSESTERIFICATION OF TRIGLYCERIDES WITH POLYALCOHOLS. 1965. TTIS-NS-349.
Order from TTIS: $24.00 as TTIS-NS-349

Trans. of Plaste und Kautschuk (East Germany) v11 n10 p632-5 1964.

NCH-200 887 Field 11I

Mockel, P.; Stark, G.
PROCESS FOR THE PRODUCTION OF A METHYL METHACRYLATE COLD POLYMER WHICH DOES NOT YELLOW IN THE SUNLIGHT. 1965. TTIS-NS-362.
Order from TTIS: $11.00 as TTIS-NS-362

Trans. of Patent (East Germany) 26 239.

NCH-201 128 Field 11I

PROCESS FOR THE PREPARATION OF UNIFORMLY STRETCHED FILMS OF THERMOPLASTIC PLASTICS. 1965, 3p. TC-842.
Order from TC: $3.50 as TC-842

Trans. of Patent (Austria) 214 632.
Pateted 15 Sep 60 by Farbwerke Hoechst Aktienegesellschaft Vormals, Meister Lucius and Bruning, Frankfurt a.M. -Hoechst.

NCH-201 576 Field 11I

Muresan, I. E.; Kacso, E.
THE MECHANISM OF THE TRANSITION OF ETHYL ACRYLATE - ACRYLIC ACID COPOLYMER LATICES INTO HOMOGENEOUS SOLUTION. II. TRANSITION OF THE LATTICES INTO SOLUTION UNDER THE INFLUENCE OF ACETONE AND DIOXANE. Jun 65, 9p. TC-756.
Order from TC: $9.00 as TC-756

Trans. of Cluj Univ. Studia Universitatis Babes-Bolyai. Series 1: Matematica, Fizica, Chimie (Rumania) v5 p69-78 1963.

NCH-201 596 Field 11I

METHOD FOR THE MANUFACTURING OF THERMOPLASTIC SHEET MATERIAL AND THE PRODUCT THUS OBTAINED. Jun 65, 26p. TC-856.
Order from TC: $19.00 as TC-856

Trans. of Patent (Netherlands) 64 10 073.
Patented 28 Aug 63 by Ole-Bendt Rasmussen, Birkerod, Denemarken.

NCH-201 713 Field 11I

Ishii, T.; Hayashi, M.
PREPARATION OF N-VINYLCARBAZOLE AND THERMAL POLYMERIZATION. 1965, 6p. ATS-94S84J.
Order from ATS: $9.90 as ATS-94S84J

Trans. of Yuki Gosei Kagaku Kyokai Shi (Japan) v7 p41-3 1949.

NCH-201 718 Field 11I

Mihailo, M.; Budevska, Ch.
PREPARATION OF EPOXY RESINS FROM LIGNIN. 1965, ff. ATS-56S84G.
Order from ATS: $7.85 as ATS-56S84G

Trans. of Bulgarska Akademiya na Naukite. Doklady, v15 n2 p155-8 1962.

NCH-201 719 Field 11I

Goetze, R.
TRANSFER MOLDING OF DUROPLASTICS IN PRACTICE. 1965, 12p. ATS-43S84G.
Order from ATS: $11.25 as ATS-43S84G

Trans. of der Plastverarbeiter (West Germany) v14 n10 p624-8 1963.

NCH-201 759 Field 11I

Kazaryan, L. G.; Tsvankin, D. Ya.
AMORPHOUS TEXTURE OF POLY (ETHYLENE TEREPHTHALATE) FILMS. 1965, 8p. ATS-83S83R.
Order from ATS: $13.65 as ATS-83S83R

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7 n1 p80-7 1965.

TT-65-27652 Field 11I

Orszagh, A.; Fejgin, J.
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Order from ETC: $1.60 as TT-65-27652

Trans. in French of Polimery (Poland) v8(6) p233-6 1963.
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TT-65-27656 Field 11I

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Order from ETC: $1.10 as TT-65-27677

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Another trans. is available in Dutch from CBT as CBT-III-206, 12p.

TT-65-27707 Field 11I

Hiraoka, M.; Takase, T.; Misono, A.
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Order from ETC: $2.60 as TT-65-27707

Trans. in French of Kogyo Kagaku Zasshi (Japan) v66 n8 p1080-5 1963.
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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 322

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FILM FORMATION IN THE MANUFACTURE OF VULCANIZED FIBER. 1965, 5p. ATS-23S84R.
Order from ATS: $8.00 as ATS-23S84R

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K. Solvents, cleaners and abrasives

NCH-200 906 Field 11K

Dornheim, H.
PROCESS FOR THE PRODUCTION OF A HAND CLEANING AGENT CONTAINING SOFT SOAP. 1965. TTIS-NS-381.
Order from TTIS: $4.50 as TTIS-NS-381

Trans. of Patent (East Germany) 29 459.
Patent appl. 24 Oct 62, pub. 25 Jul 64.

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SOLVENT FOR DRY CLEANING. 1965, 5p. TC-826.
Order from TC: $4.50 as TC-826

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Another trans. is available from CFSTI or SLA $1.10 as TT-61-14963, p5.
Patent appl. 11 Sep 56, issued 26 Feb 59 by Boehme Fettchemie Co.

NCH-201 129 Field 11K

LIQUID DETERGENT FOR DISHES. 1965, 5p. TC-843.
Order from TC: $5.50 as TC-843

Trans. of Patent (Germany) 1 093 507.
Patented by Bohme Fettchemic G.m.b.H., Dusseldorf, Henkelstr. 67.

L. Wood and paper products

NCH-201 725 Field 11L

Brecht, W.; Athanassoulas, M.; Siewert, H. W.
THE EFFECT OF THE CUTTING ANGLE IN BEATERS AND REFINERS. 1965, 9p. ATS-57S84G.
Order from ATS: $12.75 as ATS-57S84G
Trans. of das Papier (West Germany) v19 n4 p145-50 1965.

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DETECTION AUTOMATIQUE DES DEFAUTS DU PAPIER SUR LA MACHINE. II. CONCEPTION D'UN DISCRIMINATEUR AUTOMATIQUE. 15p. CNRS-VI 1240.
Order from ETC: $1.60 as TT-65-27669
Trans. in French of Kami Parupu Giyutsu Kyokai-Shi (Japan) v17 p779-84 1963.
Also available from CNRS.

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ETUDE DU PAPIER CONTENANT DU VINYLON. 2. INFLUENCE DES CONDITIONS DE SECHAGE DU PAPIER CONTENANT DU VINYLON FACILEMENT SOLUBLE SUR SES PROPRIETES MECANIQUES. 13p, 2refs. CNRS-VI 1239.
Order from ETC: $1.60 as TT-65-27670

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DETECTION AUTOMATIQUE DES DEFAUTS DU PAPIER SUR LA MACHINE DE FABRICATION. 1. EXPERIENCES FONDAMENTALES. 18p. CNRS-VI 1238.
Order from ETC: $1.60 as TT-65-27671

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12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-201 816 Field 12A

TRANSACTIONS OF THE MOSCOW MATHEMATICAL SOCIETY, VOL. 12, 1963. 1965, 524p, 214refs.
Order from AMS

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Order from SLA: $1.10 as TT-65-12648

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Order from ETC or TIB: $3.60 as TT-65-29188

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Dlugach, M. I.; Shinkar, A. I.
DIE ANWENDUNG VON ELEKTRONENRECHEN-MASCHINEN ZUR LOSUNG BIHARMONISCHER AUF-GABEN. 19p.
Order from ETC or TIB: $1.60 as TT-65-29198

Trans. in German of Prikladnaya Mekhanika (USSR) v8 n2 p161-71 1962.

TT-65-63108 Field 12A

Bredikhina, E. A.
ON THE CONVERGENCE OF FOURIER SERIES OF PRACTICALLY PERIODIC FUNCTIONS. 11 Aug 65, 9p, 7refs. FTD-TT-65-584; AD-619 485.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 485

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B. Operations research

TT-65-12623 Field 12B, 9E

Verhulst, M.
INTERDEPENDENCE OF OPERATIONS RESEARCH METHODS AND AUTOMATION TECHNIQUES (Interdependance des Methodes de la Recherche Operationnelle et des Techniques de l'Automatique). 22p.
Order from SLA: $2.60 as TT-65-12623

Trans. of Travail et Methodes (France) n104 p24-8 1956.

13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-65-30831 Field 13A, 13G, 10A, 21E

USSR INDUSTRIAL DEVELOPMENT: SOVIET POWER MACHINERY NO. 32. 27 Apr 65, 20p. JPRS-29782.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30831

Trans. of selected articles and newsbriefs from 1965 issues of Russian periodicals and newspapers.

TT-65-31764 Field 13A

Zarivayskaya, Kh. A.
MICROCLIMATE OF STANDARD APARTMENTS WITH A CENTRAL HOT-AIR HEATING SYSTEM. 27 Jul 65, 8p, 3refs. JPRS-31267.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31764

Trans. of Gigiena i Sanitariya (USSR) v29 n4 p98-100 1964.
Available copy will not permit fully legible reproduction.

B. Civil engineering

NCH-200 392 Field 13B

Nicolas, P.; Martin, M.
ATMOSPHERIC POLLUTION BY WASTE GAS FROM CUPOLA FURNACES GAS CLEANING. 1965. BISI-4162.
Order from BISI: L5 10s as BISI-4162

Trans. of Fonderie (France) n204 p54-62 1963.

TT-65-11664 Field 13B, 6J

Kalbskopf, K.-H.
AIR REQUIREMENTS FOR ACTIVATED SLUDGE PLANTS

(Luftmengenberechnung fuer Belebungsanlagen). 23p, 17refs.
Order from SLA: $2.60 as TT-65-11664

Trans. of GWF; das Gas- und Wasserfach (West Germany) v102 n8 p181-6 1961.

TT-65-29195 Field 13B, 13C

Karmazin, N. A.
ERFAHRUNGEN BEI DER VERWENDUNG EINER HULSE AUS ASBESTZEMENT IN TRAGENDEN DRUCKBOGENELEMENTEN. 7p.
Order from ETC or TIB: $1.10 as TT-65-29195

Trans. in German of Beton i Zhelezobeton (USSR) v10 n2 p61 1964.

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MATERIAL DER WISSENCHAFTLICH-TECHNISCHEN KONFERENZ UBER FRAGEN DER EINFUHRUNG VON WISSENSCHAFTLICHEN UND TECHNISCHEN ERRUNGENSCHAFTEN IN DIE STADTEWIRTSCHAFT. 199p.
Order from ETC or TIB: $13.50 as TT-65-29215

Trans. in German of Russian mono. Hygienische Staedtereinigung, Moscow, 1959 v3.

TT-65-29227 Field 13B

Elyasberg, S. E.
HYDRAULISCHE BERECHNUNG VON WASSERENTNAHMEFILTRATIONSANLAGEN. 15p.
Order from ETC or TIB: $1.60 as TT-65-29227

Trans. in German from Vodosnabzhenie i Sanitarnaya Tekhnika (USSR) n4 1959.

TT-65-29230 Field 13B

Kierski, B.
DER ARBEITSAUFWAND IM WOHNUNGSBAU. 7p.
Order from ETC or TIB: $1.10 as TT-65-29230

Trans. in German of Przeglad Budowlany i Budownictwo Mieszkaniowe (Poland) n10 p623-4 1962.

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Belyaev, S.
AUSSENWANDE AUS KUNSTSTOFF. 6p.
Order from ETC or TIB: $1.10 as TT-65-29231

Trans. in German of Arkhitektura SSSR, n2 p42-3 1962.

C. Construction equipment, materials and supplies

TT-64-41925 Field 13C

SOVIET CONSTRUCTION AND BUILDING MATERIALS INDUSTRY: TRANSLATIONS NO. 60. 1 Oct 64, 23p. JPRS-26667.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-41925

Trans. of 7 selected articles from 1964 issues of Russian periodicals and newspapers.

TT-64-51021 Field 13C, 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 61. 7 Oct 64, 16p. JPRS-26764.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-64-51021

Trans. of selected articles from 1964 issues of Russian periodicals and newspapers.

TT-65-27345 Field 13C

Tarkhanov, V. V.
ABAISSEMENT DE LA PERMEABILITE AU GAZ DES TUBES EN AMIANTE-CIMENT. Org. 55-30695bis; CNRS-G/R-4474.
Order from CNRS as G/R-4474

Trans. in French of Gazovoe Delo. Nauchno-Tekhnicheskii Sbornik (USSR) n8 p33-4 1963.

TT-65-27668 Field 13C

Grzymek, J.
SIGNIFICATION DES SELS DOUBLES SE FORMANT SOUS L'INFLUENCE DE K_2SO_4 ET $CaCl_2$ PENDANT LA MATURATION DES PREPARATIONS DE CIMENT ET DE BETON. 26p, 6refs. CNRS-VI 1241.
Order from ETC: $2.60 as TT-65-27668

Trans. in French of Cement, Wapno, Gips (Poland) v18 n3 p45-6 1963.
Also available from CNRS.

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Ragozina, T. A.; Gulyamov, M. G.
ZUR FRAGE DER PERMEABILITAT DER STRUKTUR DER ZEMENTSTEINES UND DER DURCHLASSIGKEIT DESSELBEN FUR Mg-UND SO_4-IONEN. 15p, 10refs.
Order from ETC or TIB: $1.60 as TT-65-28541

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n2 p131-45 1962.

TT-65-28542 Field 13C

Myakinchenko, M. I.; Kantsepolskii, I. S.
HERSTELLUNG DER ERSTEN TECHNISCHEN VERSUCHSPARTIEN VON SULFATBESTANDIGEN KUNSTPUZZOLANE-PORTLANDZEMENT IN DEN USBAKISCHEN ZEMENTWERKEN. 52p, 22refs.
Order from ETC or TIB: $5.60 as TT-65-28542

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n2 p5-54 1962.

TT-65-28543 Field 13C, 7B

Kantsepolskii, I. S.; Galkina, G. V.; Milogradskaya, A. I.
KORROSION DER ZEMENTE IN MAGNESIUMSULFATLOSUNGEN MIT HOHEREN KONZENTRATIONEN. 48p, 18refs.
Order from ETC or TIB: $4.60 as TT-65-28543

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n1 p27-70 1961.

TT-65-28544 Field 13C, 7B

Atakuziev, T. A.; Kantsepolskii, I. S.
UBER DIE SAURE-AGGRESSION VON ZEMENTEN. 9p, 4refs.
Order from ETC or TIB: $1.10 as TT-65-28544

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n1 p155-61 1961.

TT-65-28545 Field 13C, 7B

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DIE ROLLE DES KALZIUMSULFOALUMINATS UND DES GIPSES BEI DER SULFATISCHEN KORROSION DER ZEMENTE. 13p, 6refs.
Order from ETC or TIB: $1.60 as TT-65-28545

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n1 p15-26 1961.

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Tashpulatov, Yu. T.; Glekel, F. L.; Kolontarov, I. Kh.
UBER DIE TECHNISCHE HERSTELLUNG DES SULFATBESTANDIGEN GLINIT-PORTLANDZEMENTES. 15p, 9refs.
Order from ETC or TIB: $1.60 as TT-65-28546

Trans. in German of Korroziya Tsementov i Mery Bor'by s Nei (USSR) n1 p141-54 1961.

TT-65-29196 Field 13C

Kitaev, E. N.
HERSTELLUNG VON ASBESTZEMENTPLATTEN AUS PORTLANDZEMENTEN VERSCHIEDENER GUTEKLASSEN. 9p.
Order from ETC or TIB: $1.10 as TT-65-29196

Trans. in German of Stroitel'nye Materialy (USSR) v10 n2 p13 1964.

TT-65-29208 Field 13C

Tupitsyn, N. E.; Okhrem, A. A.
WEGE ZUR ERHOHUNG DER ZEMENTPRODUKTION. 6p.
Order from ETC or TIB: $1.10 as TT-65-29208

Trans. in German of Tsement (USSR) v28 n6 p5-6 1962.

TT-65-30343 Field 13C, 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 70. 16 Feb 65, 14p. JPRS-28778.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30343

Trans. of 6 articles from selected Russian newspapers.

E. Couplings, fittings, fasteners and joints

NCH-201 547 Field 13E

PROCESS FOR PRODUCING THREADS AND STRING OF ESPECIALLY UNIFORM THICKNESS FROM THIN BANDS OF GUTS. Jul 65, 4p. TC-892.
Order from TC: $4.00 as TC-892

Trans. of Patent (Sweden) 176 586.
Patented by R. Graf and Co.

r. Ground transportation equipment

TT-64-41878 Field 13F, 13J, 1B

SOVIET TRANSPORTATION: TRANSLATIONS NO. 75. 29 Sep 64, 65p. JPRS-26620.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-64-41878

Trans. of 11 selected articles from Jul/Aug 64 issues of various Russian newspapers and periodicals.

TT-64-51647 Field 13F, 13J

SOVIET TRANSPORTATION: TRANSLATIONS NO. 79. 17 Nov 64, 120p. JPRS-27391.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-64-51647

Trans. of 22 selected articles from 1964 issues of various Russian newspapers and periodicals.

TT-65-29166 Field 13F

Apetaur, M.
DIE FEDERUNG VON KRAFTFAHRZEUGEN. IV. DER EINFLUSS DER UNGEFEDERTEN MASSEN UND DER REIFEN. 20p.
Order from ETC or TIB: $1.60 as TT-65-29166

Trans. in German from Automobil (Czechoslovakia).

TT-65-30279 Field 13F

Tkachuk, N.; Golub, V.; Roshchupkin, P.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 78. 4 Feb 65, 13p. JPRS-28635.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30279

Trans. of 4 articles from selected Russian newspapers.

TT-65-30507 Field 13F

Kyamilov, M.; Drabkin, A.; Protserov, S.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 85. 15 Mar 65, 18p. JPRS-29108.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30507

Trans. of 4 selected articles from 1964-65 issues of Russian periodicals and newspapers.

TT-65-30750 Field 13F

Chervonobrodov, P.; Polyakov, V.; Slutsker, M.; Dragunov, M.; Gershtein, B.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 88. 15 Apr 65, 23p. JPRS-29618.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as

TT-65-30750

Trans. of 5 selected articles from 1964-65 issues of Russian periodicals and newspapers.

TT-65-31109 Field 13F

Deich, M.; Losoto, O.
USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 95. 28 May 65, 9p. JPRS-30301.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31109

Trans. of 3 selected articles from 1965 issues of Russian newspapers.

TT-65-31200 Field 13F

USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 96. 8 Jun 65, 18p. JPRS-30489.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31200

Trans. of 7 selected articles from Apr 65 issues of various Russian periodicals.

TT-65-31232 Field 13F

USSR INDUSTRIAL DEVELOPMENT: SOVIET AUTOMOTIVE INDUSTRY NO. 97. 10 Jun 65, 18p. JPRS-30542.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31232

Trans. of 4 selected articles from Mar/May 65 issues of various Russian newspapers.

H. Industrial processes

NCH-200 383 Field 13H

Schwenzfeier, W.; Pawelski, O.
POWER AND WORK REQUIREMENTS OF A CONTINUOUS LIGHT SECTION MILL. 1965. BISI-3533.
Order from BISI: L6 10s as BISI-3533

Trans. of Stahl und Eisen (West Germany) v83 n24 p1553-61 1963.

NCH-200 388 Field 13H, 1 F

Kauhausen, E.; Mueller, P.
PROBLEMS ENCOUNTERED IN SUBMERGED ARC WELDING. 1965. BISI-4152.
Order from BISI: L6 as BISI-4152

Trans. of Schweisstechnik (East Germany) v23 p39-44 1962.

NCH-200 393 Field 13H

Hofmann, F.
MEASUREMENT OF COMPRESSIVE STRESSES IN HEATED MOULD SANDS. 1965. BISI-4201.
Order from BISI: L2 10s as BISI-4201

Trans. of Giesserei (West Germany) v51 p819-20 Dec 1964.

NCH-200 400 Field 13H

Bohmer, S.
HEATING IN THE SHEET ROLLING MILL AND MAGNETIC REVERSAL LOSSES OF TRANSFORMER SHEET. 1965. BISI-4126.
Order from BISI: L6 as BISI-4126

Trans. of Neue Huette (East Germany) v9 n11 p666-73 1964.

NCH-200 401 Field 13H, 11F

RECOMMENDATIONS FOR THE LAYOUT AND MANUFACTURE OF SQUARE BASIC BESSEMER MOULDS OF 3-5 TONS. 1965. BISI-4128.
Order from BISI: L3 10s as BISI-4128

Trans. of Fonderie (France) n155 p581-5 1958.

NCH-200 403 Field 13H, 11F

Komossa, H.
CONTRIBUTION TO THE CASTING OF IMPELLERS WITH SPATIALLY CURVED BLADES. 1965. BISI-4204.
Order from BISI: L3 as BISI-4204

Trans. of Giesserei (West Germany) v51 p289-91 May 1964.

NCH-200 880 Field 13H

Rickmann, H.
STANDARD-FREQUENCY INDUCTION HEATING FOR A HOT GALVANIZING BATH IN THE VEB VOLKSWERFT, STRAISUND. 1965. TTIS-NS-356.
Order from TTIS: $15.00 as TTIS-NS-356

Trans. of Schiffbautechnik (East Germany) v14 n12 p640-2 1964.

NCH-201 398 Field 13H

PROCESS FOR THE COLD STRETCHING OF A SHEET MATERIAL WHICH CAN BE ORIENTED. Jun 65, 7p. TC-853.
Order from TC: $7.00 as TC-853

Trans. of Patent (Netherlands) 279 550.
Patented 9 Jun 1961 by Ole-Bendt Rasmussen.

NCH-201 427 Field 13H

Lippmann, H.
CONTRIBUTION TO THE DYNAMIC THEORY OF FORGING. Jun 65, 9p. BISI-4071.
Order from BISI: L6 10s as BISI-4071

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v35 n6 p507-15 Jun 1964.

NCH-201 429 Field 13H

Andrade, A. L. M. de; Silva, A. P. da; Okamura, Y.
GENERAL DESCRIPTION OF PLANT FOR MODERN HEAVY PLATE ROLLING MILLS AND ROLLING PROPERTIES OF USIMINAS HEAVY PLATE (WITH DISCUSSION). Jun 65, 56p. BISI-4164.

Order from BISI: L12 10s as BISI-4164

Trans. of ABM; Boletim da Associacao Brasileira de Metais, v20 p109-64 Mar 1964.

NCH-201 460 Field 13H, 13I

Haring, W.; Asbrand, H.
EXPERIENCES WITH LONG FORGING MACHINES.
Jun 65. BISI-3879.
Order from BISI: L8 as BISI-3879

Trans. of Stahl und Eisen (West Germany) v84 n9 p513-20 1964.

NCH-201 467 Field 13H, 13K

Polek, Z.
A NEW ROLL GROOVE DESIGN FOR COLD REDUCING (PILGERING) OF TUBES. Jun 65. BISI-4233.
Order from BISI: L7 10s as BISI-4233

Trans. of Freiberger Forschungshefte. Reihe B. Huttenwesenmetallurgie (West Germany) v88 p49-80 Apr 1964.

NCH-201 470 Field 13H, 13K

Gorissen, E.
TECHNOLOGICAL CHARACTERISTICS OF TUBE WELDING METHODS (TERMINOLOGY). Jun 65. BISI-4287.
Order from BISI as BISI-4287

Trans. of Blech (West Germany) v11 n11 p5-12 1964.

NCH-201 600 Field 13H

ENVELOPE FOR ADVERTISING ANY ACTIVITY AND PROCESS RELATIVE TO ITS MANUFACTURE. Jun 65, 6p. TC-869.
Order from TC: $6.50 as TC-869

Trans. of Patent (Italy) 584 862.
Patented 7 Feb 58 by Garavox S.r.l., Milan.

NCH-201 608 Field 13H

Dobrucki, W.
PROGRESS IN THE TECHNOLOGY OF HOT EXTRUSION.
Jul 65. BISI-4069.
Order from BISI: L8 as BISI-4069

Trans. of Hutnik (Poland) v30 n11 p359-67 1963.

NCH-201 615 Field 13H, 11F

Gillardin, J.
THE USE OF THE HOT BLAST CUPOLA IN BASIC MELTING FOR THE MANUFACTURE OF INGOT MOULDS. Jul 65. BISI-4248.
Order from BISI: L6 as BISI-4248

Trans. of Fonderie (France) n222 p255-68 1964.

NCH-201 616 Field 13H, 11F

Zubov, L. A.; Began, L. I.
DROP FORGING RING AND BUSHING TYPE PARTS FROM LIQUID STEEL. Jul 65. BISI-4250.
Order from BISI: L4 10s as BISI-4250

Trans. of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) v6 n11 p16-9 1964.

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Order from BISI: L5 10s as BISI-4102

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Order from BISI: L5 as BISI-4224

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Order from TTIS: $7.20 as TTIS-NS-364

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Order from BISI: L2 10s as BISI-4274

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as
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TT-65-29176 Field 13I, 13F

DIE BESTIMMUNG DES SPIELS IN DEN LAGERN DER KURBELWELLE MITTELS RADIOAKTIVER ISOTOPEN.
14p.
Order from ETC or TIB: $1.60 as TT-65-29176

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n2 p5-8 1958.

TT-65-30209 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 133. 27 Jan 65, 26p.
JPRS-28489.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of 12 articles from selected Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30283 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 51.
5 Feb 65, 19p. JPRS-28647.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as
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Trans. of 8 articles from selected Russian periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30289 Field 13I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as
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COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 149. 18 Feb 65, 25p, 5refs.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-65-30370 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 55.

19 Feb 65, 24p. JPRS-28847.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30370

Trans. of 8 articles from selected Russian periodicals and newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30396 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 56. 26 Feb 65, 35p. JPRS-28916.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30396

Trans. of 12 articles from selected Russian newspapers and periodicals.

TT-65-30409 Field 13I

Melnik, T.; Chabanenko, A.; Derbina, N.
USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 137. 1 Mar 65, 12p. JPRS-28940.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30409

Trans. of selected articles from 1964-65 issues of Russian newspapers.

TT-65-30423 Field 13I

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USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 138. 3 Mar 65, 30p. JPRS-28965.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30423

Trans. of 6 articles selected Russian periodicals and newspapers.
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TT-65-30435 Field 13I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30435

Trans. of selected articles from 1964-65 issues of Russian newspapers and periodicals.

TT-65-30446 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 58. 4 Mar 65, 24p. JPRS-28998.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30446

Trans. of 23 selected articles from 1964-65 issues of Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30488 Field 13I

USSR INDUSTRIAL DEVELOPMENT: SOVIET METALWORKING EQUIPMENT NO. 141. 11 Mar 65, 44p. JPRS-29076.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30488

Trans. of 28 articles from Dec 64 and Jan 65 issues of various newspapers.

TT-65-30501 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 59. 12 Mar 65, 30p. JPRS-29096.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30501

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TT-65-30716 Field 13I

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30716

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TT-65-30717 Field 13I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30717

Trans. of 6 selected articles from 1965 issues of Russian newspapers.

TT-65-30805 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 66. 23 Apr 65, 56p. JPRS-29729.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-30805

Trans. of 10 selected articles from 1964-65 issues of Russian newspapers.

TT-65-30850 Field 13I

USSR INDUSTRIAL DEVELOPMENTS: GENERAL INFORMATION OF SOVIET MACHINERY INDUSTRIES NO. 67. 29 Apr 65, 30p. JPRS-29820.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30850

Trans. of 5 selected articles and newsbriefs from Jan and Mar 65 issues of various Russian newspapers.

TT-65-30922 Field 13I

Vlasyuk, A.; Paremskii, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET METAL-WORKING EQUIPMENT NO. 148. 5 May 65, 15p. JPRS-29942.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30922

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30952

Trans. of 3 selected articles from 1965 issues of Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-31283 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 77. 17 Jun 65, 32p. JPRS-30668.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31283

Trans. of 6 selected articles from 1965 issues of Russian periodicals and newspapers.

TT-65-31338 Field 13I

USSR INDUSTRIAL DEVELOPMENT: GENERAL INFORMATION ON SOVIET MACHINERY INDUSTRIES NO. 78. 25 Jun 65, 19p. JPRS-30794.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31338

Contains translations of selected articles and newsbriefs from Apr 65 issues of Russian newspapers.

TT-65-31481 Field 13I, 2C

COMMUNIST CHINA'S INDUSTRY AND MATERIALS TRANSLATIONS NO. 64. 8 Jul 65, 26p. JPRS-30983.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31481

Translations of 6 selected articles from Jun 65 issues of various Communist Chinese newspapers.

TT-65-31757 Field 13I, 2D, 5K

SUMMARY OF THE BULGARIAN PROVINCIAL PRESS NO. 238. 27 Jul 65, 18p. JPRS-31260.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31757

Consists of translated articles from 7-13 Jun 65 issues of Bulgarian newspapers.

J. Marine engineering

NCH-201 082 Field 13J, 11F

SUMMARY OF THE RESULTS OF SOME INVESTIGATIONS ON THE CORROSION OF WELDED STRUCTURES BY SEA WATER. Jun 65. BSRA-2106.
Order from BSRA: L5 as BSRA-2106

Trans. of Schip en Werf (Netherlands) v28 n1 p61 1961.

NCH-201 173 Field 13J

Mueller, B.
EXPERIMENTS WITH BULBOUS BOW HULLS. Jun 65. BSRA-2108.
Order from BSRA: L5 as BSRA-2108

Trans. of Schiff und Hafen (West Germany) v17 p20ff Jan 1965.

NCH-201 174 Field 13J, 9B

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Order from BSRA: L5 as BSRA-2109

Trans. of Hansa (West Germany) v101 p2223ff Nov 1964.

NCH-201 175 Field 13J, 21G

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Order from BSRA: L5 as BSRA-2110

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NCH-201 419 Field 13J

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M. V. HEINRICH SCHULTE: LARGEST GERMAN BULK CARRIER. Jun 65. BSRA-2113.
Order from BSRA: L5 as BSRA-2113

Trans. of Schiff und Hafen (West Germany) v17 p29ff Jan 1965.

NCH-201 420 Field 13J, 13C

'PANTOGRAPHE' AUTOMATIC GRAB CRANE. Jun 65. BSRA-2114.
Order from BSRA: L5 as BSRA-21'4

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NCH-201 421 Field 13J

Dringenberg, H.
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Order from BSRA: L5 as BSRA-2115

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NCH-201 422 Field 13J, 21G

Steimann, H.
TORSIONAL VIBRATION INVESTIGATIONS ON MARINE PROPULSION INSTALLATIONS WITH MULTIPLE DIESEL ENGINES AND RUBBER COUPLINGS. Jun 65. BSRA-2116.
Order from BSRA: L5 as BSRA-2116

Trans. of MTZ; Motortechnische Zeitschrift (West Germany) v25 n1 p462ff 1964.

NCH-201 423 Field 13J, 20D

Niemann, U.
DETERMINATION OF THE COURSE-STABILITY HYDRODYNAMIC PARAMETERS BY MEANS OF YAWING TESTS. Jun 65. BSRA-21 7.
Order from BSRA: L5 as BSRA-2117

Trans. of Schiff und Hafen (West Germany) v17 p21ff Jan 1965.

NCH-201 424 Field 13J

Schmidt-Stiebitz, H.; Muhlbradt, M.
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Order from BSRA: L5 as BSRA-2118

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NCH-201 426 Field 13J, 20D

Sobolev, G. V.
THE PROBLEM OF A RUDDER MOVING NEAR A FREE FLUID SURFACE. Jun 65. BSRA-2120.
Order from BSRA: L5 as BSRA-2120

Trans. of Korablestroitel'nyi Institut. Trudy (USSR) v39 p21ff 1962.

NCH-201 530 Field 13J

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MODERN HARBOUR AND SEA-GOING TUGS. Jun 65. BSRA-2121.
Order from BSRA: L5 as BSRA-2121

Trans. of Hansa (West Germany) v101 n24 p2521ff 1964.

NCH-201 532 Field 13J

Teigel-Kamp, W.
MODERN LIFTING MAGNETS AND BEAMS IN SHIPYARDS. Jun 65. BSRA-2123.
Order from BSRA: L5 as BSRA-2123

Trans. of Hansa (West Germany) v101 n18 p1797ff 1964.

NCH-201 535 Field 13J, 20K

Glansdorp, C. C.; Remery, G. F. M.
IMPACT SPEED OF A SUSPENDED LIFEBOAT AGAINST THE SIDE OF A ROLLING SHIP. Jun 65. BSRA-2126.
Order from BSRA: L5 as BSRA-2126

Trans. of Schip en Werf (Netherlands) v32 p3ff 2 Jan 1965.

NCH-201 634 Field 13J

Carstens, H.
DETERMINATION OF HOLD CAPACITY IN THE INITIAL DESIGN STAGE. Jul 65. BSRA-2129.
Order from BSRA: L5 as BSRA-2129

Trans. of Schiff und Hafen (West Germany) v16 p893ff Oct 1964.

NCH-201 637 Field 13J

Arndt, B.
SYSTEMATIC CALCULATIONS OF STABILITY IN A SEAWAY FOR A CARGO SHIP OF 0.63 BLOCK COEFFICIENT. Jul 65. BSRA-2132.
Order from BSRA: L5 as BSRA-2132

Trans. of Hansa (West Germany) v101 n24 p2479ff 1964.

NCH-201 639 Field 13J

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MODERNISATION OF MATERIAL FLOW AT THE RHEINSTAHL NORDSEEWERKE, EMDEN. Jul 65. BSRA-2134.
Order from BSRA: L5 as BSRA-2134

Trans. of Hansa (West Germany) v101 n18 p1786ff 1964.

TT-65-29212 Field 13J

Smolyakov, B.
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Order from ETC or TIB: $1.10 as TT-65-29212

Trans. in German of Rechnoi Transport (USSR) v21 n12 p31-2 1962.

TT-65-62805 Field 13J, 13A, 21G

Geinrikhs, G. K.
SHIPBOARD AND COASTLINE OXYGEN PLANTS. 12 Jul 65, 409p, 27refs. FTD-TT-65-288; AD-618 871.
Order from CFSTI or ETC: HC$7.10, MF$2.00 as AD-618 871
Unedited rough draft trans. of mono. Sudovye i Beregovye Kislorodnye Ustanovki, Leningrad, 1963 341p.

M. Structural engineering

TT-65-30443 Field 13M

Kalinin, V.
USSR INDUSTRIAL DEVELOPMENT: SOVIET CONSTRUCTION MACHINERY NO. 72. 4 Mar 65, 17p. JPRS-28994.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-30443
Trans. of selected articles from 1964 issues of Russian periodicals and newspapers.

14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

TT-65-30230 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 139. 29 Jan 65, 33p. JPRS-28535.

Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30230

Trans. of 14 articles from selected Russian newspapers.

TT-65-30308 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 140. 11 Feb 65, 25p. JPRS-28708.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30308

Trans. of 6 selected articles and news briefs from Dec 64 issues of various Russian newspapers.

TT-65-30350 Field 14B, 13H, 7A, 6C, 6E, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 148. 17 Feb 65, 111p, 97refs. JPRS-28796.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-30350

Trans. of 11 selected articles from 1964-65 issues of Communist Chinese periodicals.
Available copy will not permit fully legible reproduction.

TT-65-30499 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 143. 12 Mar 65, 56p. JPRS-29093.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-30499

Trans. of 14 selected articles from 1964-65 issues of Russian periodicals and newspapers.

TT-65-30561 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 144. 23 Mar 65, 44p. JPRS-29229.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-30561

Trans. of 29 selected articles from 1964-65 issues of Russian newspapers.
Available copy will not permit fully legible reproduction.

TT-65-30670 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 145. 7 Apr 65, 13p. JPRS-29469.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-30670

Trans. of 4 selected articles and newsbriefs from Jan-Mar 65 issues of various newspapers.

TT-65-31075 Field 14B, 6O, 6E, 6C

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 181. 25 May 65, 90p, 47refs. JPRS-30234; N65(24879-24884).
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-31075

Trans. of 12 selected articles from 1965 issues of Communist Chinese periodicals and newspapers.

TT-65-31553 Field 14B

USSR INDUSTRIAL DEVELOPMENT: SOVIET PRECISION EQUIPMENT NO. 147. 13 Jul 65, 14p. JPRS-31055.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-65-31553

Contains translations of selected articles and newsbriefs from Mar/Apr 65 issues of various Russian newspapers.
Available copy will not permit fully legible reproduction.

E. Reprography

NCH-201 091 Field 14E

Ogushi, M.
SILVER HALIDE PHOTOGRAPHIC FILMS. 1965, 7p. TC-769.
Order from TC: $7.00 as TC-769

Trans. of Patent (Japan) pub 39-22 068.
Patented 10 May 62 by Konishiroku Shashin Kabushiki Kaisha.

NCH-201 391 Field 14E

Novatskaya, T.; Novikova, G.
STUDY OF THE FIRST DEVELOPMENT OF A BLACK AND WHITE FILM. Jun 65, 11p. TC-793.
Order from TC: $9.00 as TC-793

Trans. of Tekhnika Kino i Televideniya (USSR) v8 n11 p55-9 1964.

NCH-201 414 Field 14E

PHOTOGRAPHIC MATERIAL. Jun 65, 7p. TC-891.
Order from TC: $7.00 as TC-891

Trans. of Patent (Belgium) 634 174.
Patented 14 Aug 1962 by Gavaert Photo-Producten N. V.

NCH-201 720 Field 14E

Frieser, H.; Schlesinger, M.
STUDIES OF THE ELECTROPHOTOGRAPHIC PROCESS. PT. 1. A STUDY OF THE SPECTRAL SENSITIVITY OF THE PHOTOCURRENT AND THE TEMPERATURE DEPENDENCE OF OPTICALLY SENSITIZED ZNO FILMS. 1965, 8p. ATS-55S84G.
Order from ATS: $9.45 as ATS-55S84G

Trans. of Photographische Korrespondenz (Austria) v101 n5 p69-73 1965.

NCH-201 723 Field 14E

Muller-Saala, H.
THE MIRACODE SYSTEM. PT. 2. THE RECORDAK CAMERA MODEL MRK-1, ITS CONTROLS AND THEIR OPERATION. 1965, 8p. ATS-40S84G.
Order from ATS: $12.00 as ATS-40S84G

Trans. of Reprographie (West Germany) v5 n2 p31-4 1965.

TT-65-63086 Field 14E, 7D

Morozova, N. G.; Startsev, G. P.
STUDYING SPECTRAL PROPERTIES OF PHOTO MATERIALS IN VACUUM ULTRAVIOLET RANGE OF THE SPECTRUM. 5 Aug 65, 12p, 5refs. FTD-TT-65-583; AD-619 455.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-619 455

Unedited rough draft trans. of Zhurnal Nauchnoi i Prikladnoi Fotografii i Kinematografii (USSR) v10 n1 p22-7 1965.

15 MILITARY SCIENCES

F. Nuclear warfare

TT-65-30278 Field 15F

PRESS REPORTS AND COMMENTARY ON FRENCH NUCLEAR DEVELOPMENTS, POLICY, STRATEGIC CONCEPTS. 4 Feb 65, 48p. JPRS-28633.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30278

Translations of 5 selected articles from 1965 issues of various French periodicals.

TT-65-30603 Field 15F

PRESS REPORTS AND COMMENTS ON FRENCH NUCLEAR PROGRAM. 29 Mar 65, 43p. JPRS-29321.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-30603

Translations of 6 selected articles from 1965 issues of various French periodicals.

TT-65-51576 Field 15F

FRENCH NUCLEAR POLICY AND DEVELOPMENTS. 12 Nov 64, 107p. JPRS-27320; N65-10208.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-65-51576

Contains translations of selected articles from 1965 issues of various French periodicals.

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

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N. SNAP technology

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19 ORDNANCE

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20 PHYSICS

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E. Masers and lasers

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J. Quantum theory

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M. Thermodynamics

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